Oil, Paint and Drug Reporter

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Volume 130 NOVEMBER 9, 1936 Number 19

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TITANOX

Oil, Paint and Drug Reporter

Founded 1871 by William O. Allison

Volume 130 NOVEMBER 9, 1936 Number 19

Reporter's Nationwide Business Survey Shows Improvement Widely Spread in Third Quarter

Greater Activity in General Industry Reflected in Larger Production and Sales and Higher Prices in Chemical, Oil, and Drug Markets

Business in chemicals, oils, and drugs showed steady and substantial improvement during the third quarter of this year. In this it truly and fully reflected conditions in the field of industry in general, these articles being essential materials of universal industrial utilization.

The barometric significance of conditions in the chemical, oil, and drug industries has been clearly demonstrated over a long period of time. These industries, being practically free from internal influences, respond sensitively to the changing requirements of consumption in the processing industries. Because there has not for some time been any reason for anticipatory buying or inordinate curtailment of supplies, the movement of chemicals, oils, and drugs into consumption is in practically exact keeping with the actual needs of the consuming industries. The increase in sales of chemicals, oils, and drugs, and the advancing of the average price level during the third quarter were soundly based.

Production of chemicals, oils, and drugs during the third quarter ran 11.9 percent ahead of the volume of the corresponding period in 1935, according to data contributed to the REPORTER'S quarterly business survey. Increases in production varied substantially among the several major divisions of the industries producing these materials; in fact there was a falling off from 1935 levels in production of botanical drugs and spices and of essential oils, the decrease in the former group being 5.4 percent; that in essential oils, 1.3 percent. Increases in the other eight divisions represented by the REPORTER'S market sections ranged from 8.3 percent in heavy chemicals to 34.1 percent in coal-tar chemicals. Details for the several market groups are given in paragraphs that follow.

Sales of chemicals, oils, and drugs in this year's quarter were larger in volume than those in the 1935 period in all divisions, the increases ranging from 6.9 percent for the botanical's group to 32.3 percent for coal-tar chemicals. The average of increases was 15.4 percent. The total value of sales also was larger in all divisions this year, averaging 12.6 percent. The extent of the increase varied among the several groups, but the range neither was so wide nor was it in keeping with that in production or in sales volume. The smallest increase, 7.2 percent, was made in essential oils; the largest, 19.7 percent, in paint varnish and lacquer materials.

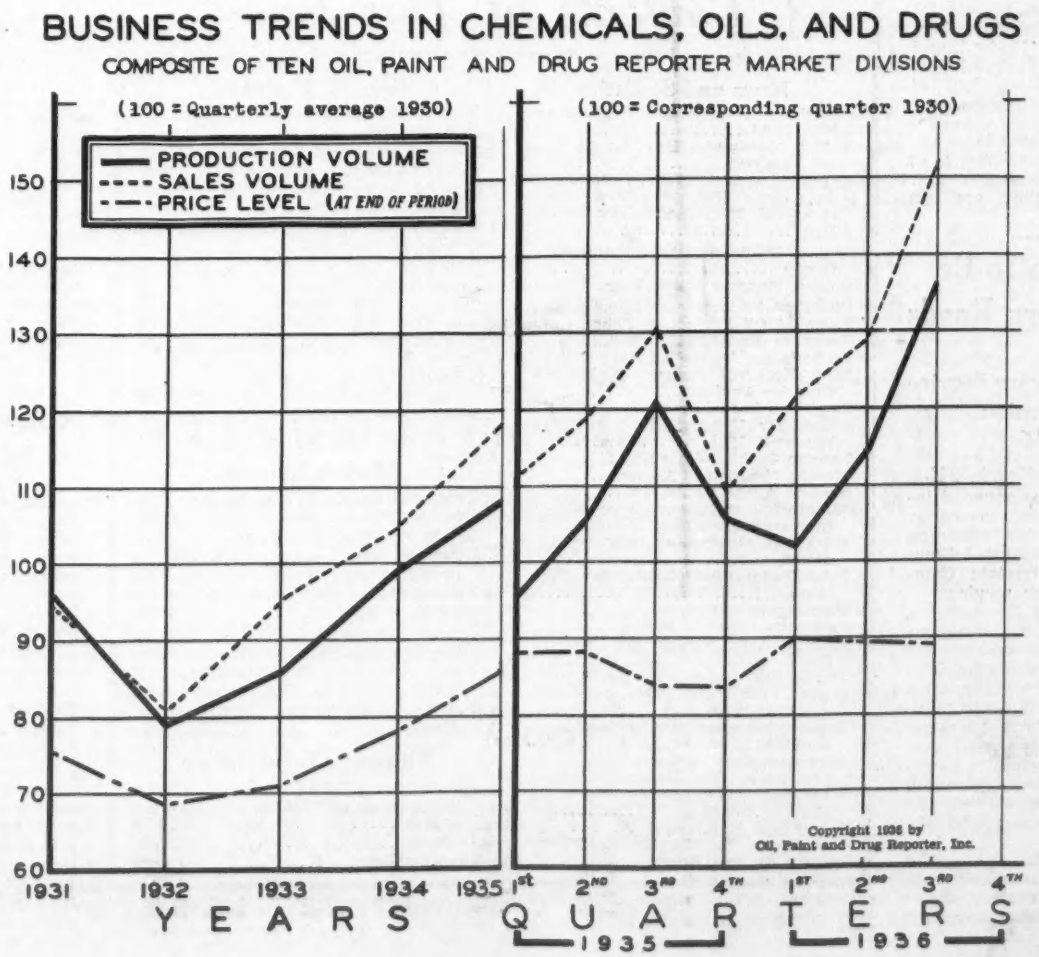
It is noteworthy that the increases in the volume of sales shown by the REPORTER'S survey averaged less than those in production: the chemical, oil, and drug industries have not been rash producers for some years. The fact that the increase in the total value of sales was less than that in sales volume, is attributable to a rather wide tendency on the part of consumers to turn to lower-priced materials whenever such a change was practicable. Prices in the chemical, oil, and drug markets averaged 4.8 percent higher than the 1935 level at the end of the third quarter; the larger part of this gain was made during the quarter. Stabilization of business in the chemical, oil, and drug field is indicated by the fact that this year's production gain of 11.9 percent compares with one of 17 percent a year earlier; while the increase in sales volume, 15.4 percent this year, was 15 percent in 1935.

Business in chemicals, oils, and drugs during the third quarter—and the same is true with respect to earlier periods in the year—was better paying, as well as better looking. Corporation earnings in these industries, reported during the third quarter, exceeded those reported in the corresponding period in 1935 by 79.8 percent—and, among this year's reports, deficits were "conspicuous by their absence."

The benefits of improvement in the chemical, oil, and drug industries were shared by labor as well as by capital. Employment at the end of the third quarter was 5.2 percent larger than it had been a year earlier, and there was an increase of 9.7 percent in total payrolls, indicating an increase of about 4.3 percent in the calculable average wage. Employment stood 16.5 percent above the 1923-25 average and was 15.1 percent better than that in the consumer's goods industries as a whole. Payroll totals were 8.6 percent above the 1923-25 level, and 19.3 percent above the general industrial average, indicating that wages in the chemical, oil, and drug industries were 3.7 percent closer to the norm than were those in the general field.

Foreign trade in chemicals, oils, and drugs was maintained at a substantial volume during the third quarter and presented the gratifying picture of an increasing rate of exports and a decreasing rate of imports. Exports of

(Continued on page 20)



Closing Market Developments

Alkali Carlot Prices, 1937, Are Reported as Unchanged

A large alkali manufacturer announced today, Monday, November 9, that the car lot prices for soda ash and caustic soda are unchanged for 1937.

London Closing Cable

LONDON, Nov. 6, 1936.

Beeswax was higher at 122s 6d per hundredweight, a rise of 2s 6d; quicksilver ex warehouse was nominal at £14 5s per flask and the to arrive price was £14 2s c.i.f. Stocks of shellac totaled 191,147 packages on November 1, comparing with 127,219 packages on October 1.

Wormseed Oil Quality Good

An official inspection of wormseed oil produced in Carroll county, Maryland, has been just completed and reports made by the Maryland Department of Health stated that the quality of oil produced this year was exceptional and that production ranged between 40 and 50 pounds to the acre. It was considered to be a good yield. Acreage planted this year was smaller than in past seasons. Approximately ten stills were operated this year.

Straits Tin Strong

The market for Straits tin reached the highest price on record for the current year, with some quarters reporting the price above the 52c. per pound level. Late market reports had the price at 51¾c. per pound. The strength in the price tone was due to a reported accord having been reached by Siam with the International Tin Committee on the question of tin production control. Tin crystals were listed at 38½c. to 39c. per pound; anhydrous tetrachloride of tin, 25½c. per pound; soda stannate, 34c. to 37c. per pound, and tin oxide, 52c. to 54c. per pound.

Tallow Firm

Tallow was quiet on spot late in the week, buyers being inclined to hold off for further developments, but offerings were light and the market continued to present a firm appearance. Tallow futures were quiet and steady.

Uva Ursi Leaves Higher

Prices on uva ursi leaves were advanced to 9c. to 10c. per pound late last week. Attempts to place orders abroad failed and holders of spot stocks were disposed to conserve their holdings. The material comes from Spain.

Patman Act Charges Hit Cosmetic Firms

WASHINGTON, Nov. 6.

Four manufacturers of perfumery and cosmetics, with their subsidiaries, are charged with violation of the Patman act in complaints issued by the Federal Trade Commission.

The respondents are Bourjois, Inc., and subsidiaries; Richard Hudnut and subsidiaries; Coty, Inc., and subsidiaries, all of New York; and, Elmo, Inc., of Philadelphia, and its subsidiaries.

The complaints charge violation of sections 2 (A), 2 (D) and 2 (E) of the Robinson-Patman act and section 5 of the Federal Trade Commission act. Particulars of the violations are not yet available.

Storedoor Pickup to Be Begun by Eastern Roads

I.C.C. Authorizes Delivery Service To Start Operation November 16

WASHINGTON, Nov. 5, 1936.

Eastern railroads have announced inauguration of an expanded storedoor pickup and delivery service beginning November 16. Announcement follows authorization by the Interstate Commerce Commission of such service.

The ICC order, effective November 1, permits establishment of storedoor pickup and delivery service on less than carload freight east of the Mississippi river and north of the Ohio river on traffic traveling under a minimum rate of 45 cents per 100 pounds.

The Commission also approved proposals of the railroads to make allowance payments of 5 cents per 100 pounds of freight to shippers or consignees who perform their own truck service beyond railroad terminals.

A third provision in the ICC order stipulates that Union Inland Freight Station No. 1 at New York shall be among the stations at which any such new service is provided.

The expanded pickup and delivery service plan was suggested by the railroads as a step toward recovering a part of the less-than-carload freight business that in recent years has been taken over by motor trucks. The trucking interests have always opposed the proposal, and on two occasions the ICC has cancelled the proposed schedules pending further investigation.

Reports from trucking interets indicate a probability that the Commission's decision will be contested in the courts by motor truck concerns.

Chemical Price Changes Mixed

Price changes were relatively numerous in the markets for heavy and fine chemicals last week. They were rather evenly divided between advances and reductions, and the influence on the general average was practically nil. Strengthening of the position of lead and tin produced the most marked changes among advances. The reductions were miscellaneously applied. Settlement of the world tin situation neared and was expected to be effected December 11. Some chemical 1937 schedules were looked for at least by the first of the week. Patman act requirements offer various problems in this connection. Business on the whole was as good as was expected in consideration of the break caused by election day, and the week closed on substantial activity.

Prices were advanced on tin crystals, anhydrous tetrachloride of tin, oxide of tin, stannate of soda, red lead, litharge, orange mineral, antimony metal, glycerin, bone dry shellac, ester gum, and Pontianak copal nubs, and on fish scrap at Baltimore. Prices were reduced on quicksilver, lithopone, sulphide of zinc, several varieties of copal, Batavia and Singapore dammars, imported dried blood and bonemeal, and Japanese sardine scrap, and on raw bone and bonemeal at Chicago.

The REPORTER's composite index number of prices for heavy and fine chemicals was unchanged at 125.6 (compared with August 1, 1914, as 100). In comparison with average prices in 1926 (as 100), the REPORTER's index number is now 88.9, against 89.2 at this time last year.

Trade News Briefs

Fair trade legislation is the subject of an interesting article in the latest issue of the *Givaudanian*, house publication of Givaudan-Delawanna, Inc., synthetic aromatics, this city. The editorial lays the current unrest in Europe to the low wages prevailing abroad.

Lloyd F. Kautz, of the industrial department of John Lucas & Co., paint manufacturer, Philadelphia, has been appointed chairman of the research and development committee which will supervise and correlate the various developments and reesarch projects carried on by the company.

Swift & Co. is calling $2,000,000 of its first-mortgage bonds for payment November 15 at 103. William B. Traynor, vice-president, said this was in addition to the regular sinking-fund redemption of $1,000,000 each May 15.

Mine Safety Appliances Company Pittsburgh, has issued a bulletin describing its new improved "M. S. A. Methane Detector," which the company states, detects the presence of small quantities of methane content in mine air and accurately indicates the exact concentration.

Fritzsche Brothers, Inc., essential oil and aromatic chemical merchant, this city, has issued its price list for November. In addition to raw materials, compound aromatic bases, bases for creams and hair preparations, bath salt perfumes, bases for toilet powders, dental and oral preparations, are listed, together with true fruit flavors and essences.

Killheffer Urges Textile Industry Research Plan

Quality Products, Minimum Cost Necessary for Protection Against Imports

Stiffening competition from highly progressive foreign countries, notably Japan, can be offset only if the American textile industry awakens promptly to the need for a comprehensive scientific research program, warned Dr. Elvin H. Killheffer, executive of E. I. du Pont de Nemours & Co., and vice-president of the United States Institute for Textile Research in an address November 5 at the institute's annual banquet in this city.

While criticizing Secretary of State Hull's "cart before the horse" policy of reciprocal trade agreements, which, he said, fails to protect the American worker's relatively high standard of living, Dr. Killheffer charged the textile industry with having an indifferent attitude toward fundamental science. In this connection he said, in part:—

Scientific research is necessary in any industry that would preserve its present and seek to assure its future. Some of the most outstanding industries we can call to mind are established on this principle.

The textile industry has been slow to embark on a regular research policy. This has been true the world over, but latterly in several countries textile research is well launched. Great Britain, as you know, is far ahead of us, and even Japan is now getting started. In the United States the effort lags. This institute was founded for the sole purpose of promoting co-operative textile research here. What is needed is an awakening of the entire industry to its genuine need for a comprehensive research program. Certainly we cannot know too much about the materials with which we are working or the processes through which we put them.

Suppose the Department of State were to announce its intention of making a drive to increase exports of raw cotton and that it would propose in connection with this to reduce the tariff which now protects the American cotton manufacturing industry, so as to make it easier for the purchasers of our raw cotton to ship into this country the fabrics manufactured from it. I think within a week the whole industry would be up in arms and willing to co-operate in any way that might seem to aid its self-preservation against such a threat. It would recognize an imperative need to co-operate.

If every textile mill contributed or was assessed one-tenth of 1 percent of its annual sales, the resulting research fund would be approximately $2,500,000 per year. What a job of self-preservation, through research, could be done with that amount! By way of comparison, the research expenditure by the organic chemical industry in the United States equals approximately 5 percent of dollar sales. The financial load would not be heavy if all the industry helped.

I mentioned your tariff protection. There is a threat to all Occidental industry and more particularly and immediately textiles. We are witnessing today something entirely new and very different from anything we have ever known—the industrialization of the Far East. It is unlike our similar development as a competitor of Europe. We were the same people, with the same standards of life, and our equipment initially, at least, was inferior.

In the Far East it is different. Their standard of life is not ours. It is not a question of whether higher or lower; it is vastly different and much less costly. And besides, they do not have inferior equipment but instead the latest and most improved. This, it seems to me, will compel us, whether we like it or not, to evolve some new system if we are to survive.

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Atmospheric Nitrogen Dissolved by A.C.&D.

The Atmospheric Nitrogen Corporation, a wholly owned subsidiary of the Allied Chemical & Dye Corporation, has been dissolved. Operations of the Atmospheric Nitrogen Corporation for some time have been conducted by the Solvay Process Company, another wholly owned subsidiary of the Allied Chemical & Dye Corporation. Assets of the Atmospheric Nitrogen Corporation, consisting principally of the nitrogen fixation plant at Hopewell, Va., have been transferred to the Solvay Process Company.

This change will not affect the nature and extent of operations at the Hopewell plant, which produces nitrate of soda and other chemicals. The Barrett Company, also a subsidiary of Allied, will continue to market nitrogen products produced at Hopewell. The Solvay Process Company manufactures alkali and supplies the Hopewell plant with its requirements of this material.

N.P.V.L.A. Convention Program Is Announced

Wright Patman Will Interpret Robinson-Patman Act At Meeting

Ernest T. Trigg, president of the National Paint, Varnish and Lacquer Association, has issued the draft of the business program, subject to some change, for the annual convention of the organization, in the Drake hotel, Chicago, November 18 to 20. The entertainment program, prepared by the committee on arrangements and entertainment is also included. One of the outstanding features of the business sessions will be the address of Representative Wright Patman, who will interpret the Robinson-Patman Act and its application to industry. The "Gay Nineties" party and the annual banquet will be the outstanding features in the entertainment and social phases of the annual meeting.

The program follows:—

November 18
Opening Session
1:30 p.m.

President Ernest T. Trigg, Presiding
Welcome to Delegates: — International Society of Master Painters and Decorators; Federation of Paint and Varnish Production Clubs.
Report of Treasurer, Charles J. Roh.
Address: "Our Membership Campaign," by E. V. Peters, Chairman.
Preliminary Report of Constitution and By-Laws Committee, by H. M. Howard, Chairman.
Address: by Ernest T. Trigg.
Preliminary Report of Nominating Committee, by J. Vincent Reardon, Chairman.
Address: "The Robinson-Patman Act," speaker to be announced.
Announcements.

November 19
9:30 a.m.
Industrial Division Conference

Chairman Paul S. Kennedy, Presiding..
Address: "The Aims of the Industrial Division," by Paul S. Kennedy.
Address: "The Association and the Industrial Division," by Ernest T. Trigg.
Address: "New Surfaces For Our Products," speaker to be announced.
Playlet: "Dead End," an industrial drama with appropriate music.
Address: "Industrial Sales Education and Cooperation," by George H. Robertson of the Sherwin-Williams Company.
Address: "Production Club Papers in Review," by Dr. J. S. Long of the Devoe & Raynolds Company.
Discussion of Tung Oil Report.
Discussion of Industrial Price Book Forms.
Joint Convention Session: — President Ernest T. Trigg, Presiding.
Address: "The Robinson-Patman Act and Its Application to Industry," Hon. Wright Patman.

2 p.m.
Trade Sales Conference

Chairman Chas. W. Eastwood, Presiding
Deferred Payment Financing: Addresses:—
(a) "From the Standpoint of a National Manufacturer," by E. J. Allee of the Pittsburgh Plate Glass Company; (b) "From the Standpoint of a Local Manufacturer," by H. J. Kuhn of the Kuhn Paint & Varnish Works; (c) "From the Standpoint of a Painter," speaker to be announced.
Simplification, J. E. Ingram, Chairman.
Painting Brick: Dr. Henry A. Gardner, Director, Scientific Section.
The National Better Light-Better Sight Bureau: M. E. Skinner, Chairman.
Addresses: "Local Cooperation," by Ralph G. Raymond, Managing Director, Chicago Lighting Institute; "Advantages to Paint Interests," by John D. Sheehan, Business Manager, Chicago Painting and Decorating Contractors Association.
Robinson-Patman Act Discussion.

November 20
9:30 a.m.
Final Business Session

Final Report of Constitution and By-Laws Committee, by H. M. Howard, Chairman.
"In Memoriam," by R. F. Adams, Chairman.
Final Report of Nominating Committee, by J. Vincent Reardon, Chairman.
"Here's How—Things Don't Just Happen," (A pictorial presentation of your Association's Activities).
Address: by George A. Martin, President of the Sherwin-Williams Company.

The Wholesale Division will begin its second annual meeting November 18, at 10:00 a.m., with Chairman T. A. Flynn presiding, and hold a second session November 19 at 10:00 a.m.

For entertainment on November 18, there will be a ladies tea and style show at 3:30 p.m., and a "Gay Nineties" party at 9:30 p.m. November 19 there will be a ladies luncheon and bridge party at 12:30 p.m. and the annual banquet at 7:30 p.m.

The Robinson-Patman Act A Means to An End

By James F. Hoge

Address before the National Wholesale Druggists' Association, In Its 1936 Meeting

(Continued from November 2 issue)

A Means for Amendment

The serious punitive nature and the abysmal technical defects of this law compel business men to seek the enactment of a sound amendment. There must be an end to this dizzy guessing and perilous speculation. And, Congress is the one to do it. Surely, the Congress which enacted this statute will have no pride in its handiwork when the light reaches down into the depth of its imperfection.

Congress can enact a broad and general amendment which will reach all unjustifiable discriminations. That was the idea of the Federal Trade Commission when it originally proposed an amendment. The havoc was wrought when the pressure of a lobby forced it through a tortuous legislative course.

Such an amendment could preserve all that is good of the present act—could preserve the same substance—could perfect this very act into becoming a means to its avowed end. For instance:

1. If it is the intention of Congress that the words "customer" and "purchaser" are synonymous, then either one or the other should be used throughout the act—not both. And, whichever is used should be defined to mean one who buys from the seller.

2. The word "price" should be defined, specifying that freight and similar charges may be equalized.

3. The condition with respect to a discrimination injuring, destroying, or preventing competition should either be transposed, or the wording of the context changed, to make clear that it applies to all discriminations covered by the act.

4. The provision preserving the right to select customers should either be transposed, or the wording of the context changed, to make clear that the right applies in all matters covered by the act.

5. The territorial limitation which appears in subsection (a) should be transposed, or the context changed, to make clear that all the provisions of the act are uniform with respect to territorial application—that they do not include exports.

6. There should be at one place in the act a provision which makes clear that all discriminations covered by it apply only to those between customers competing in the distribution of goods.

7. The words "available" and "accorded" should be made uniform. Either one or the other should be used—not both. And the one used should be defined.

8. The phrase "due allowance" in the provision with respect to differentials on the basis of quantity or differing methods in selling or delivering should be defined to permit the use of average figures or sliding scales, especially in connection with small transactions.

9. If amendments similar to the foregoing are adopted, it perhaps is not necessary to include a proviso permitting trade discounts. Otherwise, such a proviso should be inserted.

10. The phrase "proportionally equal" should be defined on the basis of the proportion stated.

11. Section 3 should be stricken out. Sound amendment should not include the opportunity for business men to be haled promiscuously into criminal courts—a thing becoming all too common in connection with the ever-widening sweep of government regulation of intricate business matters. And, amendment, either by clarification of the act or by express provision, should also lessen the opportunity for business men to be haled into civil courts to defend suits for treble damages and be ravished by a new breed of "ambulance chasers."

The End

The best that can be said for this act now is that the idea behind it is good, and that its effects will be good if, under reasonable construction or sane amendment of it, a system of free competition is maintained in this country.

Let no one doubt that such a system needs saving. Worship of *status quo* will not save it. Adherence to ostrich policies will not. Discrimination cancerously eats the heart out of free competition. No matter what you think of the Robinson-Patman act as a means, you must realize that those injured by discrimination must attempt some means to protect themselves; that government must devise some means; that consumers must.

Let no one mistake this as an admonition only to manufacturers. It is fashionable to attribute the cause of all the trouble to them, and to assume that they are the ones to devise corrective means. Much of the manufacturer's trouble is caused by the conduct of others—wholesalers and retailers. And this act is addressed to all of them.

Finally, the Robinson-Patman act—a means to an end—to the end that you determine whether your practices are morally fair, just and reasonable! It does not require a lawyer to do that. That is something you can do. Much of the difficulty about the act has really been the difficulty of finding loopholes or ways to persist safely in continuing the effect of present practices.

"The law," said the supreme court in an antitrust case, "is full of instances where a man's fate depends on his estimating rightly, that is, as the jury subsequently estimates it, some matter of degree.—The criterion in such cases is to examine whether common social duty would, under the circumstances, have suggested a more circumspect conduct." (*Nash v. U. S.*, 229 U. S. 373, 377.)

Tolerating for the moment the chaotic imperfections of the means, you may have considerable assurance in attaining the end, in avoiding the meshes of the means, if you square your practices with the end to which the act as a means was originally conceived.

Chemical Exports, Imports Up

Former Gain 16 Percent and Latter 25 Percent in Nine-Months Period

Chemical exports and imports by the United States for the first nine months of 1936 made substantial advances, the former increasing by 16 percent and the latter by 25 percent over the corresponding months of last year, according to C. C. Concannon, chief of the Chemical Division of the Bureau of Foreign and Domestic Commerce. Exports for the period aggregated $114,000,000, preliminary figures show, compared with $98,000,000 during the period last year, and were more than 50 percent above the exports in the like period of 1933. Imports aggregated $112,000,000, against approximately $84,000,000 for the corresponding period of 1935.

Exports from United States

Chemical exports have registered steady and substantial gains during the current year with every major item on the list sharing in the rise. Spectacular increases have been recorded in export shipments of sulphur, benzol, fertilizers —particularly potash—and a number of specialty items.

Exports of industrial chemicals and chemical specialties, not including sulphur, attained the value of $31,473,000 in the 1936 period, compared with $27,000,000 during the first three-quarters of last year. Specialty lines which increased in value from $9,595,000 to $14,794,000 accounted for the gain.

(Continued on page 30)

Paint Federation's Convention Program

Industry Exhibit Will Be Open From Beginning of the Four-Day Meeting

The program for the fifteenth annual convention of the Federation of Paint and Varnish Production Clubs, and its accompanying Paint Industries Show, to be held in the Drake hotel, Chicago, November 15 to 18, has been announced, and covers a wide range of technical subjects. All members of the federation are invited to attend the sessions of the National Paint, Varnish and Lacquer Association convention which will be at the Drake hotel November 18 to 20.

The federation's program follows:—

November 15

2:30 p.m.—Registration and Paint Show opens. (For list of exhibitors and booth arrangement see page 34.)
4:00 p.m.—Opening session of the fifteenth annual convention. Reports of constituent clubs.
4:30 p.m.—Report of Southern Federation Associates, E. L. Gott, chairman.
5:00 p.m.—Progress report on Federation Scholarship Research. "Wetting of Solids by Solutions; Wetting of Pigments by Binary Liquid Systems," by Dr. F. E. Bartell, and N. F. Miller, of the University of Michigan.
6:30 p.m.—Advisory committee meeting.
9:00 p.m.—Paint Show closes.

November 16

8:00 a.m.—Registration and Paint Show opens.
9:00 a.m.—Club papers: Cleveland—"Organic Coatings of Pigments in Relation to Flotation." Kansas City—"Properties of the Lesser Known Drying Oils." Western New York—"A System of Minimum Testing Requirements for Control in the Paint, Varnish and Lacquer Industry."
10:30 a.m.—President's address, R. C. Stark; secretary's report, G. B. Heckel; treasurer's report, C. W. Clark.
11:00 a.m.—Address by Dr. Henry A. Gardner.
12:30 p.m.—Nominating committee luncheon.
2:00 p.m.—Club papers: Pittsburgh—"The Standardization and Matching of Opaque Paint Colors." Baltimore—"A Study of Heat-Bodied Oils." Philadelphia —"Stability of Red Pigments." "A Primary Reference Mineral Spirits for Standardization Solvency Tests." Cincinnati-Dayton-Indianapolis-Columbus—"The Properties of Chinawood Oil Varnishes Cooked at Different Temperatures." Los Angeles—"Investigations of Phenolic, Alkyd Resin Blends in Spar Varnishes." Committee Reports—Technical advisory, cost accounting, scholarship, by-laws, golf, memorial, Paint Show, plant managers, program. Nominating committee report. Election of officers.

November 17

8:00 a.m.—Paint Show opens.
9:00 a.m.—Club papers: Montreal—"Drier Adsorption by Pigments." "Pigment Volume in Outside Paints Containing Vehicles Other Than Linseed Oil." Chicago—"The Study and Measurement of Plasticity and Viscosity." St. Louis—"A Study of Modified Phenolic Resin Varnishes." Golden Gate—"Pigment Volume Relationships in Inside Finishing Enamels."
11:00 a.m.—Address by Shigeyoshi Oshima, of the Toa Paint Manufacturing Company, Osaka, Japan. New York—"A Study of Oil Treatment and Pigment Dispersion." "An Investigation of Color Standards." Toronto—"Fire Prevention in a Paint and Varnish Factory."
2:00 p.m.—Open Forum. Plant Managers Committee. Subjects for discussion to be announced later.
6:00 p.m.—Paint Show closes.
7:00 p.m.—Banquet. Address of incoming President. American Paint Journal Award. Drugs, Oils and Paints Award. Golf Trophy Award. Entertainment.

November 18

9:00 a.m.—Paint Show opens.
1:30 p.m.—Paint Show closes.

November 19

9:00 a.m.—Paint Show opens.
1:30 p.m.—Paint Show closes.

Program Committee—D. H. Parker, chairman; Harry Feinberg, Dr. W. C. Wilson, Dr. J. M. Purdy, M. H. Corbin, G. K. Oxley, Riley Wilkerson, Frank Witteman, C. T. O'Connor, A. J. Lapointe, W. J. Finnie, C. E. Rodgers, R. J. Moore, W. J. Phillippbar, J. T. Baldwin, O. N. Schaffer, D. R. Loney, C. W. Clark, S. A. Cohen, R. E. Troutman.

Host Committee (Chicago Club)—D. E. Campbell, chairman; W. J. Tonks, P. B. Crandall, W. F. Fenton, Thomas O'Connor and all members of the Chicago Club.

Paint Show Committee—R. E. Prince, chairman; A. Lindas, S. Johannisson, V. C. Bidlack, William L. Hale, D. H. Parker, C. W. Clark.

Gold Dust Corporation, this city, has changed its name to the Hecker Products Corporation.

WHITE-LEAD -*Lasts!*

"THE more lead the better the paint" is an axiom that the paint trade and public accept without question. So when you step up the white-lead content of your paints you not only step up their durability but their sales appeal as well.

For years the white-lead pigments of National Lead Company have been the standard of comparison. They are known and preferred throughout the paint industry for their high quality and uniformity.

In addition to the white-lead pigments listed at the right, National Lead Company is also a dependable source of supply for lead oxides — red-lead, litharge and orange mineral.

NATIONAL LEAD COMPANY

111 Broadway, New York; 116 Oak Street, Buffalo; 900 West 18th Street, Chicago; 659 Freeman Avenue, Cincinnati; 1213 West Third Street, Cleveland; 722 Chestnut Street, St. Louis; 2240 24th Street, San Francisco; National-Boston Lead Company, 800 Albany Street, Boston; National Lead & Oil Company of Pennsylvania, 316 Fourth Avenue, Pittsburgh; John T. Lewis & Bros. Company, Widener Building, Philadelphia.

DRY WHITE-LEAD (Dutch or Carter process)

H. T. S. (High Tinting Strength) **WHITE-LEAD**

BASIC LEAD SULPHATE

Current Market Quotations

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When not otherwise indicated, quotations are f.o.b. New York prices on large lots. Price changes and trends are noted in the market reports on other pages, with other informative comment. The locations of the several reports are indicated on page 4.

A

Acacia (see Gum, Arabic)
Acetal, dms., works....lb. .75 - 1.00
Acetaldehyde, dms., works....lb. .14 - .16
Acetamide, CP, bots., kegs, 1,000 lb. min., works..lb. .43 - —
tech., kegs, 1,000 lb. min., works lb. .38 - —
Acetanilide, tech., 95%, bbls..lb. .24 Nom.
USP, bbls....lb. .26 - —
Acetin, tech., dms....lb. .22 - .28
Acetoacetanilide, dms. ....lb. .65 - .70
Acetone, CP, dms., c.l., dlvd..lb. .08 - —
l.c.l., delvd....lb. .08½- —
tanks, delvd....lb. .07 - —
Methyl (see M)
Acetophenone, bots., cns....lb. 1.25 - 2.25
Acetphenetidin, kegs....lb. 1.30 - 1.40
Acid, abietic, bbls., c.l....lb. .06¾- —
l.c.l. ....lb. .07 - —
Acetic, coml. or redist., 28% bbls. 100 lbs. 2.45 - 2.70
cbys. ....100 lbs. 2.95 - 3.20
50%, bbls. ....100 lbs. 4.60 - 4.85
cbys. ....100 lbs. 5.10 - 5.35
70%, bbls. ....100 lbs. 5.73 - 5.98
cbys. ....100 lbs. 6.23 - 6.48
80%, bbls. ....100 lbs. 6.53 - 6.78
cbys. ....100 lbs. 7.03 - 7.28
glacial, natl., CP., cbys.100 lbs.14.00 - —
coml. bbls. ....100 lbs. 8.43 - 8.68
cbys ....100 lbs. 8.93 - 9.18
USP., dms. ....100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
synth., 99.5%, al. dms.100 lbs. 8.43 - 8.68
cbys. ....100 lbs. 8.93 - 9.18
USP., reagent, 99.8%, al. dms—100 lbs.10.50 - —
cbys. ....100 lbs.11.00 - —
pure, 30%, bbls.....100 lbs. 3.52 - 3.77
cbys. ....100 lbs. 3.92 - 4.17
80%, bbls. ....100 lbs. 3.95 - 4.20
cbys. ....100 lbs. 4.45 - 4.70
60%, bbls. ....100 lbs. 6.63 - 6.88
cbys. ....100 lbs. 7.13 - 7.38
90%, bbls. ....100 lbs. 8.33 - 8.58
cbys. ....100 lbs. 8.83 - 9.08

Acetic acid prices are on freight allowed basis in zone 1 (East of Mississippi River). Zone 2 (Mississippi River to Rocky Mounts), $1.50 per 100 lbs. higher, Zone 3 (Pacific Coast), $1.75 per 100 lbs. higher.

Acetic, anhydride, dms., c.l..lb. .15 - —
l.c.l. ....lb. .16 - .19
Acetylsalicylic, USP, bbls., 225 lbs..lb. .58 - —
boxes, 100 lbs....lb. .59 - —
50 lbs. ....lb. .60 - —
25 lbs. ....lb. .61 - —
kegs, 100 lbs....lb. .58 - —
Anthranilic, refd., bbls.....lb. .85 - .95
tech., bbls. ....lb. .75 - —
Arsenous, tech. (see Arsenic, White).
USP., powd., dms., kegs...lb. .18 - —
Benzoic, tech., kegs....lb. .40 - —
USP., kegs....lb. .54 - .59
Battery, cbys....100 lbs. 1.60 - 3.50
Beric, tech., 99.5%, gran., bbls., contracts, 80 tons, delvd. ton.105.00 - —
c.l., delvd....ton.110.00 - —
l.c.l., ex whse.....ton.115.00 -120.00
sks., contracts, 80 tons, delvd..ton.95.00 - —
c.l., delvd....ton.100.00 - —
l.c.l., ex whse.....ton.105.00 -110.00
powd., bbls., contracts, 80 tons, delvd..ton.110.00 - —
c.l., delvd....ton.115.00 - —
l.c.l., ex whse.....ton.120.00 -135.00
sks., contracts, 80 tons, delvd..ton.100.00 - —
c.l., delvd....ton.105.00 - —
l.c.l., ex whse.....ton.110.00 -125.00
USP., $25 per ton higher.
Broemer's, bbls....lb. 1.16 - 1.21
Butyric, 95%, w.w., cbys., works, lb. .35 - .50
edible, cbys., works.....lb. 1.20 - 1.30
synthetic, 99%, dms., c.l., S. Charleston, W. Va...lb. .22 - —
l.c.l., same basis.....lb. .23 - —
tanks, same basis.....lb. .21 - —
Camphoric, cans....lb. 5.50 - —
Caproic, cans....lb. 2.20 - —
Carbolic (see Phenol).
Castor oil, split, dms.....lb. .16 - .16½
Chicago, bbls....lb. 2.10 - —
Chlorosulphonic, dms.....lb. .03½- .05
Chromic, 99%, dms., delvd. N.Y. lb. .14¾- .16¾
Cinnamic, refd., bots.....lb. 2.85 - 3.25
Citric, cryst., bbls....lb. .25 - —
kegs ....lb. .25½- —
gran., bbls....lb. .25 - —
kegs ....lb. .25½- —
powd., bbls....lb. .25½- —
anhyd., gran., dms.....lb. .28 - —
powd., dms....lb. .28½- —

Prices on citric acid are f.o.b. N. Y.; Chicago and St. Louis deliveries are ½c. higher than N. Y.

Cleve's, bbls....lb. .52 - .54
Coconut oil, white, dms.....lb. .1180- .1225
Cottonseed oil, dms....lb. .0710- .0800
Cresylic, 99%, high-boil, straw color, dms., c.l., f.o.b. seaboard, fr't. equald. E. producing points..gal. .73 - .74
l.c.l., same basis.....gal. .75 - —
c.l., West fr't. equald. M.W. prod. points..gal. .74 - .75
l.c.l., same basis.....gal. .76 - —
low-boil, straw color, dms., over 500 gals., frt. equald.nearest competitive prod. point....gal. .81 - —
less 500 gals., same basis. gal. .83 - —
spec. resin grade, high-boil, dms., over 500 gls., same basis..gal. .71 - .72
less 500 gals., same basis gal. .73 - —
imported, drums.....gal. .79 - .94
Acid, crotonic, dms., works...lb. .90 - 1.00
Diethylbarbituric (see Barbital).
Epsilon, bbls....lb. .77 - .79
Formic, dom., 90%, cbys., c.l.lb. .11 - .11½
l.c.l. ....lb. .12 - .13
imported, cbys....lb. .11 - .12
Fumaric, bbls....lb. .60 - —
Gallic, tech., bbls....lb. .65 - .68
N.F., VI, bbls....lb. .77 - .80
Gamma, bbls....lb. .80 - .84
Gluconic, tech., 50%, bbls., 500 lbs..lb. .20 - —
H, bbls....lb. .50 - .55
Hempseed oil, dms....lb. .1180-.1225
Hydriodic, 47%, bots....lb. 2.20 - 2.25
57%, bots....lb. 2.65 - 2.70
Hydrobromic, 10%, USP, cbys.lb. .18 - .20
Hydrochloric (see Muriatic).
Hydrocyanic, cyls., works...lb. .80 - 1.30
Hydrofluoric, 30%, bbls.....lb. .07 - .07½
lead, cbys....lb. .09 - .09½
48%, lead cbys....lb. .11½- .12
52%, lead cbys....lb. .12½- .13
60%, lead cbys....lb. .15 - .18½
Hydrofluosilicic, 30-35%, bbls.lb. .10½- .13
Hypophosphorus, USP, 30%, djns..lb. .75 - —
Koch, bbls....lb. .36 - .37
Lactic, 22%, dark, bbls.....lb. .04½- .05
light, refined, bbls.....lb. .06½- .07
44%, dark, bbls....lb. .09½- .10
light, refined, bbls.....lb. .11½- .12
USP, X, 85%, cbys....lb. .45 - .50
USP, VIII, 75%, cbys.....lb. .43 - .48
Linseed oil, dark or light, dms..lb. .1290- .1330
tanks ....lb. .1230- —
extra white, dms....lb. .1115- .1160
split, dms....lb. .09 - .10
Laurent's, bbls....lb. .46 - .47
Maleic, powd., dms....lb. .29 - .40
anhydride, dms....lb. .32 - .43
Malic, powd., kegs....lb. .45 - .60
Mixed, tanks, nitric unit.....lb. .06½- .07½
sulphuric unit....lb. .0080- .009
Monochloracetic, tech., bbls..lb. .16 - .18
99%, bbls....lb. .18 - .20
Monosulphonic, bbls....lb. 1.50 - 1.60
Muriatic, 18°, cbys, c.l., works, 100 lbs. 1.35 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24, works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd....100 lbs. 1.60 - —
tanks, works....100 lbs. 1.00 - —
20°, cbys, c.l., works..100 lbs. 1.45 - —
l.c.l., 25 and over, works, 100 lbs. 1.70 - —
10 to 24, works..100 lbs. 1.85 - —
5 to 9, works..100 lbs. 2.05 - —
1 to 4, works..100 lbs. 3.00 - —
truckloads, delvd....100 lbs. 1.70 - —
tanks, works....100 lbs. 1.10 - —
22°, cbys, c.l., works.100 lbs. 1.95 - —
l.c.l., 25 and over, works, 100 lbs. 2.20 - —
10 to 24, works..100 lbs. 2.35 - —
5 to 9, works..100 lbs. 2.55 - —
1 to 4, works..100 lbs. 3.50 - —
truckloads, delvd..100 lbs. 2.20 - —
tanks, works....100 lbs. 1.60 - —
CP, cbys....lb. .06½- .07½
6-lb. bots....lb. .08½- .12½
Naphthenic, S.V. 120-200, dms, lb. .07 - .09
210-230, dms....lb. .10 - .12
240-280, dms....lb. .11 - .14
sludges, dms....lb. .06 - .10
Neville & Winther's, bbls....lb. .85 - .87
Nitric, 36°, cbys, c.l., works, 100 lbs. 5.00 - —
l.c.l., 25 and over, works, 100 lbs. 5.25 - —
10 to 24, works..100 lbs. 5.40 - —
5 to 9, works..100 lbs. 5.60 - —
1 to 4, works..100 lbs. 6.50 - —
truckloads, delvd..100 lbs. 5.25 - —
38°, cbys, c.l., works..100 lbs. 5.50 - —
l.c.l., 25 and over, works, 100 lbs. 5.75 - —
10 to 24, works..100 lbs. 5.90 - —
5 to 9, works..100 lbs. 6.10 - —
1 to 4, works..100 lbs. 7.00 - —
truckloads, delvd..100 lbs. 5.75 - —
40°, cbys, c.l., works..100 lbs. 6.00 - —
l.c.l., 25 and over, works, 100 lbs. 6.25 - —
10 to 24, works..100 lbs. 6.40 - —
5 to 9, works..100 lbs. 6.60 - —
1 to 4, works..100 lbs. 7.50 - —
truckloads, delvd..100 lbs. 6.25 - —
42°, cbys, c.l., works..100 lbs. 6.50 - —
l.c.l., 25 and over, works, 100 lbs. 6.75 - —
10 to 24, works..100 lbs. 6.90 - —
5 to 9, works..100 lbs. 7.10 - —
1 to 4, works..100 lbs. 8.00 - —
truckloads, delvd...100 lbs. 6.75 - —
CP, cbys....lb. .11½- .12½
7-lb. bots....lb. .12½- .22½

Prices of yellow nitric acid 25c. per 100 lbs. below those above.

Oleum (see sulphuric fuming).
Oxalic, dom., bbls....lb. .11½- .12½
Palm oil, dms....lb. .08 - .08½
Para-aminobenzoic, bbls.; frt. all'd..lb. 1.25 - 1.30
Perl, bbls....lb. .62 - —
Phenylacetic, bots....lb. 2.00 - 3.25
Phosphoric, tech., 50%, cbys.lb. .06 - —
75%, cbys....lb. .09 - —
USP, 85%, s.g. 1.710, djns.lb. .13 - .14
50%, s.g. 1.347, cbys, djns., lb. .14 - —
10%, dilut., cbys, djns..lb. .07 - .07½
Picramic, kgs....lb. .65 - .70
Picric, bbls., c.l....lb. .30 - —
l.c.l. ....lb. .35 - .40
Propionic, ref., cbys., work..lb. .25 - —
dms., works ....lb. .22 - —
tech., cbys., works....lb. .20 - —
dms., works ....lb. .16 - —
Pyrogallic, cryst., cns....lb. 1.55 - 1.65
resubl, cns....lb. 1.90 - 2.00
Ricinoleic, dms....lb. .20 - .28
Salicylic, tech., bbls....lb. .40 - —
USP, bbls....lb. .40 - .45
Sardine oil, dms....lb. .09½- .09½
Sebacic, C.P., bbls., works..lb. .58 - —
tech., bbls., works....lb. .37 - .41
Soybean oil, dms....lb. .09¾- .10¼
Acid, stearic, distil., double pressed, bgs., dlvd..lb. .10½- .11
single pressed, bgs., delvd.lb. .10 - .11
triple pressed, bgs., delvd.lb. .13¾- .14¼
saponif., double pressed, bgs., dlvd..lb. .10¾- .11¾
triple pressed, bgs., dlvd..lb. .13½- .14½
Succinic, bbls....lb. .75 - —
Sulphanilic, CP, bots, works.lb. 1.60 - 1.65
tech., dms., works....lb. .18 - .19
Sulphonaphthenic, dms....lb. .04 - .10
Sulphuric, 60°, cbys., c.l., works, 100 lbs. 1.10 - —
l.c.l., 25 and over, works, 100 lbs. 1.35 - —
10 to 24, works..100 lbs. 1.50 - —
5 to 9, works..100 lbs. 1.70 - —
1 to 4, works..100 lbs. 2.65 - —
tanks, works....ton.11.00 - —
66°, cbys., c.l., E works, 100 lbs. 1.35 - —
mid-W works....100 lbs. 1.50 - —
l.c.l., 25 and over, works, 100 lbs. 1.60 - —
10 to 24 works..100 lbs. 1.75 - —
5 to 9, works..100 lbs. 1.95 - —
1 to 4, works..100 lbs. 2.90 - —
truckloads, delvd...100 lbs. 1.60 - —
tanks, works....ton.15.50 - —
95%, tanks, works....ton.16.50 - —
CP, cbys....lb. .06½- .07½
9-lb. bots....lb. .08½- .17½
fuming, 20%, tanks, works.ton.18.50 - —
Sunflower seed oil, dms.....lb. .16 - .16¾
Tannic, tech., bbls....lb. .19 - .25
USP, fluffy, bbls....lb. .83 - .88
Tartaric, USP, dom., cryst., gran., powd., bbls.....lb. .24 - —
kgs. ....lb. .24½- —
Tobias, bbls....lb. .70 - .72½
Trichloracetic, bots....lb. 2.45 - 2.50
Tungstic, CP, kgs....lb. 2.45 - 2.70
tech., kgs....lb. 1.50 - 1.60
Aconite leaves, bls....lb. .22 - .24
Root, bls....lb. .27 - .28
Aconitine, amerph., vis.....oz.17.00 - —
cryst., vis....oz.30.00 - —
Adeps, lanae, anhyd., dms.....lb. .17½- .19
hyd., dms. ....lb. .16 - .18
Agar Agar, 1, bls....lb. .72 - .75
2, bls....lb. .65 - .68
3, bls....lb. .55 - .56
Agaric, white, bls....lb. 3.00 - 3.25
Albumen, blood, dark, flake, bgs., c.l., Chicago..lb. .12 - —
ton lots, Chicago.....lb. .13 - —
less than ton, Chicago.lb. .15 - .17
powd., bgs., c.l., Chicago.lb. .13 - —
ton lots, Chicago.....lb. .15 - —
less than ton, Chicago.lb. .17 - .20
light, dom., flake, grade 1, dms., Chicago..lb. .60 - .60
2, dms., Chicago.....lb. .45 - .50
import, bgs. ....lb. .50 - —
Egg, ed., dom., bbls....lb. 1.05 - —
import, cs....lb. .78 - .80
Milk, grd., sks., c.l....ton. No stocks
ungrd., sks., c.l....ton. No stocks
Vegetable ed., bbls., works..lb. .65 Nom.
Alcohol, amyl (see also Fusel oil, refd.), ex pentane, dms., c.l., dlvd..lb. .35 - —
l.c.l., dlvd. ....lb. .157 - —
tanks, dlvd. ....lb. .143 - —
secondary, dms., c.l., f.o.b. dest..lb. .09½- —
l.c.l. frt. alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
Benzyl, bots. ....lb. .65 - 1.30
Butyl, normal, dms., c.l., frt. alld..lb. .09½- —
l.c.l., frt., alld....lb. .10 - —
tanks, frt. alld....lb. .08½- —
secondary, dms., c.l., f.o.b. dest..lb. .08½- —
l.c.l., f.o.b. dest....lb. .09 - —
tanks, f.o.b. dest....lb. .07½- —
tertiary, denating, dms., frt. alld..lb. .14 - —
Capyrl, pure, dms., works...lb. 2.50 - —
tech., dms., works....lb. .85 - —
Cetyl., dom., C.P., fiber, ctns, 1,000 lbs..lb. 1.50 - —
500 lbs. ....lb. 1.70 - —
100 lbs....lb. 1.80 - —
25 lbs. ....lb. 1.90 - —
5 lbs....lb. 2.00 - —
com'l, dms. ....lb. .95 - —
import., 85%, dms., 100 lbs.lb. .55 - —
5 to 10 lbs....lb. .75 - —
com'l, dms., 350 lbs....lb. .40 - —
Cinnamic, bots....lb. 2.50 - 3.50
Denatured, CD11, 12, 13, dms., c.l. dlvd. E..gal. .30 - —
dms., l.c.l., E....gal. .36 - —

Prices for territories other than E. of Rockies, 5c. per gal. higher. Tankcar sales require written authorization by Alcohol Tax Unit.

SD1, 190 pf., bbls., c.l., E. works..gal. .33 - —
19 bbls., E. works...gal. .35 - —
1 to 18 bbls., E. works, gal. .35 - —
dms., c.l., E. works....gal. .32 - —
19 dms., E. works...gal. .34 - —
1 to 18 dms., E. works, gal. .37 - —
tanks, E. works....gal. .26 - —

Anhydrous, 5c. per gal. higher.

Special solvent, dms., c.l., E. works..gal. .30 - —
20 dms., E. works..gal. .32 - —
1 to 19 dms., E. works, gal. .35 - —
tanks, E. works....gal. .24 - —

Tankcar sales require written authorization by Alcohol Tax Unit.

Diacetone, pure, contract, dms., c.l., frt. alld....lb. .18 - —
l.c.l., frt. alld....lb. .18½- —
tech., contract, dms, c.l., frt. alld. ....lb. .17 - —
l.c.l., frt. alld....lb. .17½- —
Ethyl, 190 pf., ex molasses, bbls, c.l. ....gal. 4.14 - —
19 bbls....gal. 4.16 - —
1 to 18 bbls....gal. 4.19 - —
dms., c.l. ....gal. 4.13 - —
19 dms....gal. 4.15 - —
1 to 18 dms....gal. 4.18 - —
tanks ....gal. 4.07 - —
absolute, dms....gal. 4.54 - 6.06½
Grain alcohol 40c. per gal. higher.

Acacia—Aluminum

Alcohol, hexyl, secondary, dms., c.l., f.o.b. dest..lb. 1.25 - —
l.c.l., f.o.b. dest....lb. .13 - —
tanks, f.o.b. dest....lb. .115 - —
Isoamyl, primary, dms., l.c.l., dlvd. ....lb. .27 - —
cans, works ....lb. .32 - —
Isobutyl, refd., dms., c.l. works, frt. alld. E. of Rockies.lb. .06½- —
l.c.l., same terms....lb. .10 - —
tanks, same terms....lb. .06½- —
Isopropyl, refd., 91%, dms., c.l., f.o.b. dest. or Miss. crossing ....gal. .55 - —
l.c.l., same terms....gal. .60 - .65
99%, dms., c.l., same terms. gal. .70 - —
l.c.l., same terms....gal. .75 - —
denat. grd., dms., c.l., frt. alld..gal. .53 - —
l.c.l., ft. alld....gal. .58 - —
Methyl (see Methanol)
Phenylethyl, bots. ....lb. 2.65 - 2.75
Propyl (see Isopropyl)
Aldehol, denat. grade, dms., tanks, works..gal. .70 - .80
Aldol, 95%, dms., c.l., works..lb. .21 - —
l.c.l., works....lb. .25 - —
Aletris root, bgs....lb. .30 - .31
Alizarin (see Red, alizarin)
Alkanet root, bgs....lb. .10 - .11
Aloe, Barbados, true, cs....lb. .85 - .90
Cape cs....lb. .23 - .24
Curacao, cs....lb. .21 - .22
gourds, bbls....lb. .50 - .51
Socotrine, kgs....lb. .35 - .36
Aloin, bbls., cns....lb. 1.50 - 1.55
Alphanaphthol, bbls....lb. .60 - .63
Alphanaphthylamine, bbls....lb. .33 - .37
Althea root, cube cut, bls....lb. .26 - .27
Alum, ammonia, burnt, USP, bbls. lb. .16 - .17
gran., bbls., works....100 lbs. 2.75 - 2.80
dlvd. N.Y., Phila...100 lbs. 2.90 - —
lump, bbls., works....100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
powd., bbls., works...100 lbs. 3.15 - 3.40
dlvd. N.Y., Phila...100 lbs. 3.30 - —

Ammonia alum prices are for contract and open market; f.o.b. Phila.; frt. equalized with Marcus Hook, Boston, Atlanta, or Joliet; rail or water rate, whichever is lower. L.c.l. quantities must carry l.c.l. rate applying; for truck or ex-warehouse deliveries all metrop. zones (except N.Y.) add l.c.l. rail or water rate, whichever is lower, from shipping or equalisation point; dlvd. N.Y. prices apply to truck or ex warehouse.

Potash, gran., bbls., works.... 100 lbs. 3.00 - 3.25
dlvd. N.Y., Phila...100 lbs. 3.15 - —
lump, bbls., works....100 lbs. 3.25 - 3.50
dlvd. N.Y., Phila...100 lbs. 3.40 - —
powd., bbls., works....100 lbs. 3.40 - 3.65
dlvd. N.Y., Phila...100 lbs. 3.55 - —

Potash alum prices on same basis as those for ammonia alum.

Potash-chrome, bbls....lb. .07 - .07½
Soda, bbls., c.l., works..100 lbs. 3.25 - —
l.c.l., dlvd....100 lbs. 4.25 - 5.00
Alumina acetate, CP, 20% solut., bbls..lb. .09 - .10
Chloride, anhyd., com'l, dms. (extra), 45,000 lbs. and over, works..lb. .05 - —
12,000 to 40,000 lbs., works..lb. .06 - —
1,100 to 11,000 lbs., works..lb. .07 - —
140 to 875 lbs., works..lb. .08 - —
100 lbs. or less, works.lb. .09 - —
cryst., com'l, dms., c.l., works lb. .04½- .07
solut., dms., works....lb. .06 - .06½
Hydrate, heavy, bbls., 20 and over, works..lb. .04 - —
less than 20, works....lb. .04½- —
light, bbls., dlvd....lb. .12 - —
Oleate, dms., contr....lb. .16½- —
open order....lb. .17½- .18½
Palmitate, precip., bbls., ton.lb. .21 - —
smaller lots....lb. .22 - —
Resinate, precip., dms., dlvd.lb. .15 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
l.c.l., ton....lb. .20 - —
less than ton....lb. .21 - —
Sulphate, com'l, bgs., c.l., works, frt. equald.100 lbs. 1.85 - —
l.c.l., works, frt. equald.. 100 lbs. 1.60 - —
bbls., c.l., works, frt. equald. 100 lbs. 1.55 - —
l.c.l., works, frt. equald. 100 lbs. 1.80 - —
Iron-free, bgs., c.l., works, 100 lbs. 2.00 - —
l.c.l., works....100 lbs. 2.25 - 2.60
truckload, dlvd, met. N.Y. 100 lbs. 2.40 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.55 - —
5 to 9, dlvd. met. N.Y.. 100 lbs. 2.80 - —
1 to 4, dlvd. met. N. Y. 100 lbs. 3.30 - —
bbls., c.l., works....100 lbs. 2.20 - —
l.c.l., works....100 lbs. 2.45 - 2.60
truckloads, dlvd., met.N.Y. 100 lbs. 2.60 - —
10 to 24, dlvd. met. N.Y. 100 lbs. 2.75 - —
bbls., truckloads, 5 to 9, dlvd. met. N.Y..100 lbs. 3.00 - —
1 to 4, dlvd. met. N.Y. 100 lbs. 3.50 - —
Aluminum, 98-99%, dms.. c.l...lb. .19 - .19½
l.c.l. ....lb. .20 - .21

Alum. powd—Apomorphine

Aluminum, powder, dry, lining, ext. fine, dms., 30,000 lbs.; f.o.b. shipping point (see note below)
- lb. .90 - —
- 3,000-30,000 lbs., same basis—lb. .92 - —
- 1,000-3,000 lbs., same basis—lb. .95 - —
- less than 1,000 lbs., same basis..lb. 1.00 - —
- standard, dms., 30,000 lbs., same basis..lb. .55 - —
- 3,000-30,000 lbs., same basis—lb. .57 - —
- 1,000-3,000 lbs., same basis—lb. .60 - —
- less than 1,000 lbs., same basis..lb. .65 - —
- litho. ext. brilnt., dms. 30,000 lbs., same basis .....lb. .41 - —
- 3,000-30,000 lbs., same basis—lb. .42 - —
- 1,000-3,000 lbs., same basis..lb. .46 - —
- less than 1,000 lbs., same basis..lb. .51 - —
- ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
- 3,000-30,000 lbs., same basis..lb. .47 - —
- 1,000-3,000 lbs., same basis..lb. .50 - —
- less than 1,000 lbs., same basis..lb. .56 - —
- standard, dms., 30,000 lbs., same basis..lb. .40 - —
- 3,000-30,000 lbs., same basis..lb. .42 - —
- 1,000-3,000 lbs., same basis..lb. .43 - —
- less than 1,000 lbs., same basis..lb. .50 - —

Aluminum, powder, dry, litho., wallpaper, dms., 30,000 lbs., same basis..lb. .40 - —
- 3,000-30,000 lbs., same basis..lb. .42 - —
- 1,000-3,000 lbs., same basis..lb. .45 - —
- less than 1,000 lbs., same basis..lb. .50 - —
- rubber comp., dms., 30,000 lbs., same basis..lb. .39 - —
- 3,000-30,000 lbs., same basis..lb. .41 - —
- 1,000-3,000 lbs., same basis..lb. .44 - —
- less than 1,000 lbs., same basis..lb. .49 - —
- unpolished, standard, dms., 30,000 lbs., same basis .....lb. .35 - —
- 3,000-30,000 lbs., same basis..lb. .37 - —
- 1,000-3,000 lbs., same basis..lb. .40 - —
- less than 1,000 lbs., same basis..lb. .45 - —
- varnish, ext. brilliant, dms., 30,000 lbs., same basis .....lb. .41 - —
- 3,000-30,000 lbs., same basis..lb. .43 - —
- 1,000-3,000 lbs., same basis..lb. .46 - —
- less than 1,000 lbs., same basis..lb. .51 - —
- ext. fine, dms., 30,000 lbs., same basis..lb. .45 - —
- 3,000-30,000 lbs., same basis..lb. .47 - —
- 1,000-3,000 lbs., same basis..lb. .50 - —
- less than 1,000 lbs., same basis..lb. .55 - —
- standard, dms., 30,000 lbs., same basis..lb. .40 - —
- 3,000-30,000 lbs., same basis..lb. .42 - —

Aluminum, powder, dry, varnish, standard, dms., 1,000-3,000 lbs, same basis..lb. .45 - —
- less than 1,000 lbs., same basis..lb. .50 - —
- paste, fine, lining, dms., 30,000 lbs., same basis lb. .65 - —
- 3,000-30,000 lbs., same basis..lb. .67 - —
- 1,000-3,000 lbs., same basis..lb. .70 - —
- less than 1,000 lbs., same basis..lb. .75 - —
- extra dms., 30,000 lbs., same basis..lb. .70 - —
- 3,000-30,000 lbs., same basis..lb. .72 - —
- 1,000-3,000 lbs., same basis..lb. .75 - —
- less than 1,000 lbs., same basis..lb. .80 - —
- ink, dms., 30,000 lbs., same basis..lb. .80 - —
- 3,000-30,000 lbs, same basis..lb. .82 - —
- 1,000-3,000 lbs, same basis..lb. .85 - —
- less than 1,000 lbs., same basis..lb. .90 - —
- ink, dms., 30,000 lbs., same basis..lb. .75 - —
- 3,000-30,000 lbs., same basis..lb. .77 - —
- 1,000-3,000 lbs., same basis..lb. .80 - —
- less than 1,000 lbs., same basis..lb. .85 - —
- standard, dms., 30,000 lbs., same basis..lb. .43 - —
- 3,000-30,000 lbs., same basis..lbs. .45 - —
- 1,000-3,000 lbs., same basis..lb. .48 - —
- less than 1,000 lbs., same basis..lb. .53 - —

Aluminum powder and paste, in single shipments are deductible as follows: 2,000 lbs., 1c. per lb. from 3,000-30,000 lb. prices; 5,000 lbs., ½c. from 30,000 lb. prices; 10,000 lbs., 1c. per lb. from 30,000 lb. prices; 25,000 lbs., 2c. per lb. from 30,000 lb. prices. Deduction equivalent to full freight rate allowed in quantities of 200 lbs. or over, where shipping point and destination are both E. of Miss. river; where destination is W. of Miss., but shipping point is E., deduction will be equivalent to the full freight rate only to the Miss. river; shipments ex whse. W. of Miss. not subject to freight allowance. Deliveries ex whse. extra as follows:—Chicago, Cleveland, Detroit, St. Louis, ½c.; Houston, Kansas City, ¾c.; Los Angeles, Portland, San Francisco and Seattle, 1c.; Dallas, Tulsa, ¾c.; Denver, 2c.

Ambergris, gray, tins.....oz. 22.00 -35.00

Amidopyrene, cs.....lb. 4.00 - 4.10

Ammonia, anhyd., fertilizer, tanks (50,000 lbs.) works....lb. .04½- —
- refrigeration, tanks, works..lb. .05½- —
- pure, cyls., divd., met. N.Y. lb. .16 - 22

Anhydrous ammonia in cylinders is quoted on a nationwide schedule of delivered and stock point prices in all States.

- Acetate, kgs.....lb. .26 - .33
- Aldehyde, dms.....lbs. .65 - .70
- Aqua, 26°, cbys.....lb. .05½- —
- dms., c.l.....lb. 02½-
- l.c.l.....lb. 02¾-
- tanks (on NH_3 content)..lb. .05 - .05¼
- tankwagons .....lb. .02¾ -

Bicarbonate, bbls., c.l., works, 100 lbs. 5.15 - —
- l.c.l., dlvd. N. Y....100 lbs. 5.71 - —

Bifluoride, bbls.....lb. .16 - .18
Borate, bbls., kgs.....lb. .15 - .16
Bromide, gran., bbls.....lb. .35 - .36
Carbonate, tech., dom., bbls..lb. .08 - 12½
- imported, cks.....lb. .06 - 12¼
- USP, lump, bbls.....lb. .06 09
- cks.....lb. .07 - —
- powd., bbls.....lb. .09 - .10

Chloride, tech. (see Ammoniac, sal)
- USP, gran., bbls.....lb. .12½- .13
- Citrate, kgs.....lb. .80 - .86
- Fluoride, bbls.....lb. .17 - .19

Hydroxide (see Ammonia, aqua).
- Hypophosphite, bbls.....lb. 1.10 - 1.15
- Iodide, jars.....lb. 3.40 - 3.45
- Laurate, bbls.....lb. .10 - —
- Linoleate, 50%, anhyd., bbls.lb. .11 - —
- Naphthenate, bbls.....lb. .11 - —
- Nitrate, tech., cks.....lb. .04 Nom.
- Oleate, bbls.....lb. .10 - —
- Oxalate, neutral, cryst., powd., bbls..lb. .26 - .27
- pure, cryst., bbls., kgs....lb. .27 - .28
- Perchlorate, kgs.....lb. .16 - —
- Persulphate, kgs.....lb. .21 - .22½
- Phosphate, dibasic, NF, bbls.lb. .34 - .36
- tech., bbls., c.l.....lb. .07½- —
- l.c.l.....lb. .09 - .10
- monobasic, pure, bbls.....lb. .40 - .42
- tech., bbls., c.l.....lb. .07½- —
- l.c.l.....lb. .09 - .10
- Ricinoleate, bbls.....lb. .15 - —
- Salicylate, USP, kgs.....lb. 1.15 - 1.20
- Sulphate, dom., bulk, c.l., Nov. divy., dlvd., Ill., Ind., Mich., Ohio..ton. 23.50 - —
- f.o.b. cars, Atlantic, Gulf, ports..ton. 25.50 - —
- Birmingham, Ala., ovens..ton. 25.50 - —
- Northern ovens...ton. 23.50 - —
- barge lots, Sparrows Point, Md., Brooklyn, N. Y.ton. 24.50 - —

Ammonia sulphate, domestic, for Dec. June delivery is 50c. per ton additional.

- dbl. bgs., export, f.a.s. N.Y., ton. No prices
- Sulphide, liquid, dms.....lb. .15 - —
- tanks.....lb. .12 - —
- Sulphocyanide, kgs.....lb. .55 - —

Ammoniac, gum (see Gum, ammoniac).
- Sal, gray, dom., bbls, c.l. 100 lbs. 5.00 - 5.25
- l.c.l.....100 lbs. 5.50 - 5.75
- import, gran., csks.....lb. .05½- 06
- lump, bbls.....lb. .10½- 12
- white, gran., dom., bbls., contracts, works..100 lbs. 4.45 - 5.05
- imports., cskr...100 lbs. 4.45 - 5.00

Amyl acetate, ex fusel oil, dms., c.l., works..lb. .12 - .13
- l.c.l., frt. alld.....lb. .12½- .13¼
- tanks, works.....lb. .11 - .12
- ex pentane, dms., c.l., dlvd, lb. .142 - —
- l.c.l., dlvd.....lb. .149 - —
- tanks, dlvd.....lb. .135 - —
- secondary, dms., c.l f.o.b. dest..lb. .09½- —
- l.c.l., f.o.b. dest.....lb. .10 - —
- tanks, f.o.b. dest.....lb. .08½- —

Alcohol (see Alcohol, amyl).
- Butyrate, bots.....lb. .90 - 1.00
- Caproate, cns.....lb. 2.75 - —

Chloride, normal, dms., works, lb. .56 - —
- small lots works.....lb. .68 - —

Chlorides, mixed, tech., dms., c.l., works..lb. .07 - —
- l.c.l., works.....lb. .077 - —
- tanks, works.....lb. .06 - —
- Mercaptan, dms., l.c.l., works.lb. 1.10 - —
- Nitrite, bots.....lb. 1.80 - 1.85
- Oleate, dms., l.c.l., works...lb. .25 - —
- Salicylate, cans.....lb. .65 - 1.25
- Stearate, dms., l.c.l. works..lb. .28 - —

Amylene, dms, c.l......lb. .102 - —
- l.c.l.....lb. .11 - —
- tanks.....lb. .09 - —

Anethol, bots.....lb. 1.05 - 1.10
Angelica root, dom., bls.....lb. .28 - .35
- import, natural, bls.....lb. .45 - .50
- twisted, bls.....lb. .55 - .57

Angostura bark, bls.....lb. .35 - .36
Anilin oil, dms.....lb. .16½- .17½
- tanks.....lb. .15 - —

Anise, Russian, bgs.....lb. .09½- .11
- Spanish, bgs.....lb. .14½- .15
- Star, bgs.....lb. .12½- .13

Anisic aldehyde, bots.....lb., 2.15 - 2.00
Annatto paste, bxs.....lb. .34 - .37
- Seed, bgs.....lb. .07 - .08

Anthraquinone, 99.5%, subl., bbls, lb. .50 - .52

Antimony, butter (see Antimony chloride).
- Chloride, solut., cbys.....lb. .17 - —
- Metal, dom.....lb. .11¾- —
- import, c.i.f., duty paid...lb. .12¾- —
- Needle, powd., bbls.....lb. .11½- .12
- Oxide, dom., bbls., c.l.....lb. .12¾- .13
- l.c.l.....lb. .13½- —
- import, bbls.....lb. .13¾- —
- Salts, 65%, kgs.....lb. .22 - .25
- Sulphuret, golden, bbls.....lb. .22 - .23
- White pigment, bgs., Texas works, frt. alld. to ½c. lb. c.l..lb. .10½- .15¼

Antipyrene, cns., ton lots.....lb. 2.00 - —
- smaller lots .....lb. 2.10 - 2.15

Apomorphine, cns.....oz. 21.70 -23.90

Chemical Products you can depend on

The Pennsylvania Salt Manufacturing Company knows industrial needs and how to serve them. Constantly proving the efficiency of Pennsylvania Products, Industry has kept this company busy for 86 years.

Dependable products of uniform quality:

- Acid
- Acid Phosphate
- Alumina Hydrate
- Aluminum Chloride
- Alum
- Ammonia, Anhydrous & Aqua
- Ammonia Persulphate
- Bleaching Powder (standard strength)
- Carbon Bisulphide
- Carbon Tetrachloride
- Caustic Soda
- Chlorine
- Ferric Chloride, Liquid
- Kryolith (natural Greenland)
- Penchlor Acid-Proof Cement
- Perchloron (Supertest Calcium Hypochlorite)
- Salt
- Soda Ash
- Sodium Aluminate
- Sodium Bicarbonate
- Sodium Orthosilicate, Anhydrous
- Sulphate of Alumina

Write for quotations

PENNSYLVANIA SALT MANUFACTURING COMPANY

EST. 1850

EXECUTIVE OFFICES, WIDENER BLDG., PHILADELPHIA, PA.

BRANCH SALES OFFICES · NEW YORK · CHICAGO · ST. LOUIS · PITTSBURGH · TACOMA · WYANDOTTE

Archil extract, conc., bbls.....lb. .21 - .27
double, bbls. .....lb. .18 - .20
triple, bbls. .....lb. .18 - .20
Areca nuts, powd., bbls.....m. .10 - .11
Arecoline hydrobromide, bots., vis..oz. 6.25 - 6.50
Arsols, crude, 30%, cakslb. .07 - .08
80-85%, cakslb. .14 - .15
Arnica flowers, bls.....lb. .30 - .32
Root, bls.....lb. .38 - .40
Arrowroot, St. Vincent, powd., bgs..lb. .06⅝- .06⅞
bbls. .....lb. .06½- .09
Arsenic iodide (arsenous), bots., jars..lb. 5.15 - 5.20
Metal, lump, cs.....lb. .42 - .48
Red, import., cs.....lb. .15⅝- .16¼
Trioxide (see Acid, arsenous).
White, powd., kgs. c.l.....lb. .03½- —
l.c.l. .....lb. .04½- —
Japanese, cs.....lb. .03⅝- .04¼
Arsenous chloride, liq., bot..lb. 1.85 - —
Asafetida, cs.....lb. .18 - .19
powd., bbls., bxs.....lb. .32 - .35
Asbestos fiber, 6M, bxs., c.l. (20
Asbestine (see Talc, N. Y. fibrous).
tons), Canad. mines..ton.87.50 - —
5R, bgs., c.l. (20 tons), Canad. mines—ton.35.00 - —
6D, bgs., c.l. (30 tons)..Canad. mines..ton.27.00 - —
7D, bgs., c.l. (30 tons), Canad. mines..ton.23.00 - —
7F, bgs., c.l. (30 tons), Canad. mines..ton.21.00 - —
7H, bgs., c.l. (30 tons), Canad. mines..ton.17.00 - —
7K, bgs., c.l. (30 tons), Canad. mines..ton.14.50 - —
7M, bgs., c.l. (30 tons), Canad. mines..ton.12.00 - —
Asphaltum, Barbados, A, bgs., 20 tons, f.o.b. N. Y.....lb. .02¼- —
smaller lots, f.o.b. N.Y..lb. .03½- —
AA, bgs., 20 tons, f.o.b. N. Y...lb. .03½- —
smaller lots, f.o.b. N. Y..lb. .10½- —
California, dms., c.l., f.o.b. N.Y. ton.29.00 - —
l.c.l., f.o.b. N. Y.....ton.36.50 - —
Cuban, A., bgs., c.l., f.o.b. N.Y. ton.60.00 - —
l.c.l., f.o.b.N.Y.....ton.90.00 - —
B, bgs., c.l., f.o.b.N.Y....ton.35.00 - —
l.c.l., f.o.b.N.Y.....ton.55.00 - —
Egyptian, bgs., c.l., f.o.b.N.Y.lb. .12 - —
l.c.l., f.o.b.N.Y.....lb. .15 - —
Gilsonite, brilliant black, bgs. c.l., Colo. points.....ton.32.90 - —
seconds, bgs., c.l., Colo. points .....ton.25.50 - —
selects, bgs., c.l., Colo., Utah points..ton.30.50 - —
l.c.l., f.o.b., or N.J. or N.Y., whse..ton.49.50 - —
Maltha, dms., c.l., f.o.b.N.Y.ton.29.00 - —
l.c.l., f.o.b.N.Y.....ton.36.50 - —
Manjak (see Asphaltum, Barbados).
Mexican, Texas, dms., c.l., refinery..ton.19.00 - —
l.c.l., refinery .....ton.21.00 - —
tanks, refinery .....ton.16.00 - —
Petroleum cut-back, bbls., l.c.l., refinery..gal. .13 - —
dms., c.l., refinery.....gal. .12 - —
tanks, Calif., refinery...gal. .05102- —
East Coast, Ill., Ind. refinery..gal. .06½- —
N. Orleans refinery....gal. .06 - —
Wyo., refinery .....gal. .07½- —
Atropine, vis.....oz. 5.25 - 5.50
Sulphate, vis.....oz. 2.25 - 2.35

B

Balm of Gilead buds, bgs....lb. .21 - .28
Barberry bark, bgs.....lb. .10 - .11
Root bark, bls.....lb. .16 - .17
Barbital, cs. .....lb. 3.25 - 3.30
Barium carbonate, natural, 90% grd., bgs., c.l., works, ton.42.00 - —
99% 200 mesh, bgs., c.l., works..ton.45.00 - —
precip., bgs. .....ton.56.50 -61.50
Chlorate, kgs. .....lb. .15¼- .17½
Chloride, CP., cryst., bbls...lb. .18 - .20
tech., dom., cryst., bbls., bgs., c.l., works..ton.72.00 -74.00
l.c.l., delvd., N. Y..ton.83.00 -87.00
Dioxide, dms.....lb. .11 - .15
Fluoride, bbls.....lb. .15 - .16
Fluosilicate, bbls.....lb. .15 - .16
Hydrate (see Hydroxide).
Hydroxide, bbls. .....lb. .05¼- .07½
Iodide, bots. .....lb. 4.40 - 4.45
Monoxide (see Oxide).
Nitrate, cks. .....lb. .07 - .08¼
Oxide, dms. .....lb. .11 - .15
Peroxide (see Dioxide).
Sulphate, tech. (see Barytes and blanc fixe).
X-ray, bbls. .....lb. .13 - —
Barytes, dom., floated, bbls., c.l., St. Louis..ton.23.65 - —
l.c.l., ex whse., Boston. ton.36.00 - —
Chicago .....ton.30.85 - —
Cleveland .....ton.33.50 - —
New York .....ton.32.00 - —
paper bgs., c.l., St. Louis. ton.22.85 - —
l.c.l., ex car, Baltimore. ton.30.70 - —
Boston .....ton.31.70 - —
Philadelphia .....ton.30.50 - —
ex. whse., Baltimore.ton.32.10 - —
Boston .....ton.35.20 - —
Chicago .....ton.30.35 - —
Cleveland .....ton.33.00 - —
Detroit .....ton.33.00 - —
Kansas City.....ton.30.93 - —
Los Angeles.....ton.42.00 - —
New York.....ton.31.50 - —
Philadelphia .....ton.31.90 - —
San Francisco.....ton.42.00 - —
Toronto .....ton.39.30 - —
Southern off color, bulk, mines..ton.12.00 - —
95.75%, bulk, mines.....ton.16.00 - —
German, grd., bbls., c.l., ex dock, t.a...ton.25.00 -26.00
l.c.l., ex whse.....ton.30.00 - —
unsrd., bulk, c.l., ex dock. ton.13.00 -14.00
Italian, grd., bbls., c.l., ex dock, t.a...ton.29.50 Nom.
l.c.l., ex whse.....ton.32.50 - —
Bauxite, bulk, mines.....ton. 7.00 -10.00
Bay leaves (see Laurel leaves).
Bay rum, import., bbls.....gal. .70 - .75
Bayberry bark, bgs.....lb. .07¼- .08
Belladonna leaves, bls.....lb. .14 - .15
Root, bls. .....lb. .11 - .12
Bentonite, 1, 0n% 300 mesh, bgs., Wyo. works..ton.16.00 - —
2, 92%, 300 mesh, bgs., Wyo., works..ton.11.00 - —
Benzaldehyde, tech., dms.....lb. .60 - .62
USP. IX, dms.....lb. 1.10 - 1.20
USP. X, dms.....lb. 1.30 - 1.35
Benzene (see benzol)
Benzidin base, bbls.....lb 72 - .74
Benzol, 90%, nitration, pure, dms, works .....gal. .21 - —
tankcars, frt. alld. E. of Omaha..gal. .16 - —
Benzol tankcar prices, West, f.o.b. sellers' works.
Benzoyl chloride, dms.....lb. .40 - .45
Peroxide, cns., works.....lb. 1.85 Nom.
Benzyl acetate, f.f.c., bots....lb. .55 - 1.00
Alcohol (see Alcohol, benzyl).
Benzoate, a.m.s., f.f.c., tins.lb. .90 - 1.20
Chloride, 95-97%, refd., dms..lb. .30 - .40
tech., dms. .....lb. .25 - .26
Formate, cns. .....lb. 2.75 - 3.50
Benzylidin acetone, bots.....lb. 2.35 - 3.50
Berberine bisulphate, bots.....lb.13.00 - —
Hydrochloride, bots. .....lb.13.00 - —
Sulphate, bots. .....lb.14.75 - —
Berberis root, bls.....lb. .10 - .11
Betanaphthol, subim., bbls....lb. .55 - —
tech., bbls. .....lb. .24 - .27
Benzoate, bxs., kgs.....lb. 2.35 - 2.50
Betanaphthylamine, tech., kgs.lb. .53 - .55
Beth root, bls.....lb. .10 - .11
Bismuth, chloride, bxs.....lb. 3.20 - 3.25
Citrate, USP, VIII, bxs.....lb. 2.65 - 2.70
Hydroxide, bxs.....lb. 3.15 - 3.20
Metal, ton lots.....lb. 1.00 - —
Nitrate, cryst., jars.....lb. 1.20 - 1.25
Oxychloride, bxs.....lb. 2.95 - 3.00
Subbenzoate, bxs.....lb. 3.25 - 3.30
Subcarbonate, fib, dms.....lb. 1.40 - 1.45
X-ray, bots., fib. dms.....lb. 2.60 - 2.65
Subgallate, bbls.....lb. 1.50 - 1.55
Subiodide, bots.....lb. 3.88 - 3.98
Subnitrate, powd., bots., fib. dms..lb. 1.30 - 1.35
Subsalicylate, 62-66%, bbls...lb. 2.35 - 2.40
Sulphocarbolate, bots.....lb. 3.60 - 3.65
Trioxide, powd., bxs.....lb. 3.45 - 3.50
Bismuth-ammonia citrate, USP, powd., cns..lb. 3.30 - 3.35
Bismuth-betanaphthol, bxs.....lb. 3.05 - 3.10
Black, bone, 1A, bbls., bgs., c.l., frt. alld. E..lb. .15 - —
l.c.l., frt. alld. E.....lb. .15½- —
1, bbls., bgs., c.l., frt. alld. E..lb. .11½- —
l.c.l., frt. alld. E.....lb. .12 - —
2, bbls., bgs., c.l., frt. alld. E..lb. .09½- —
l.c.l., frt. alld. E.....lb. .10 - —
3, bbls., bgs., c.l., frt. alld. E..lb. .08½- —
l.c.l., frt. alld. E.....lb. .09 - —
4, bbls., bgs., c.l., frt. alld. E..lb. .07½- —
l.c.l., frt. alld. E.....lb. .08 - —
5, bbls., bgs., c.l., frt. alld. E..lb. .06½- —
l.c.l., frt. alld. E.....lb. .07 - —
6, bbls., bgs., c.l., frt. alld. E. lb. .05½- —
l.c.l., frt. alld. E.....lb. .06 - —
7, bbls., bgs., c.l., frt. allo. E..lb. .08 - —
l.c.l., frt. allo. E.....lb. .08½- —
Bone black prices on Pacific Coast are 1c. per lb. higher, ex dock or ex whse.
Carbon, special, 1, bgs., c.l., works..lb. .05 - —
l.c.l., dlvd. .....lb. .07½- —
ctns., l.c.l., dlvd.....lb. .08¼- —
cs., l.c.l., dlvd.....lb. .09 - —
2, bgs., c.l., works.....lb. .08½- —
l.c.l., dlvd. .....lb. .10¼- —
cs., l.c.l., dlvd.....lb. .12 - —
3, bgs., c.l., works.....lb. .13 - —
l.c.l., dlvd. .....lb. .14½- —
cs., l.c.l., dlvd.....lb. .16½- —
4, bgs., c.l., works.....lb. .27½- —
l.c.l., dlvd. .....lb. .30 - —
cs., c.l., works.....lb. .29 - —
l.c.l., dlvd.....lb. .32 - —
5, bgs., cs., c.l. works....lb. .40 - —
cs., l.c.l., dlvd.....lb. .44 - —
6, cs., l.c.l., dlvd.....lb. .60 - —
7, cs., l.c.l., dlvd.....lb. 1.10 - —
standard, bgs., c.l., delvd. rail zone A (Gulf ports), for delivery in N.A. (water freights extra). lb. .0445 - —
B (Ark., Col., Kan., part of Mo., N. M., Tex., except coastal ports)..lb. .0475 - —
50,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0490 - —
30,000 lbs., dlvd., Zone C (Pac. Cst. States)..lb. .0505 - —
D (Ill., Ia., Wis.)...lb. .0490 - —
E (Fla., Ga., Ind., Ky., Mich., part of N. Y., Ohio, part of Pa., Tenn., W. Va.)..lb. .0505 - —
F (Me., Md., Mass., N. H., N. J., part of N. Y., N. C., part of Pa., R. I., S. C., Vt., Va.)..lb. .0535 - —
G (Mexico).....lb. .0455- —
ctns., l.c.l., dlvd. all zones. lb. .07¾- —
cs., dlvd. all zones.....lb. .08¼- —
export, full, compsd., cs., f.a.s. Gulf ports..lb. .05½ Nom.
uncompressed, cs., f.a.s. Gulf ports..lb. .06 Nom.
Charcoal (see C).
Graphite (see G).
Iron oxide, magnetic, 1, bbls., l.c.l., works...lb. .07¾- .08½
2, bbls., l.c.l., works...lb. .07 - —
pure, bbls., works.....lb. .08¾- —
Ivory, genuine, bbls.....lb. .30 - .35
Lamp, dom., 1, ctns., c.l., works..lb. .07 - —
l.c.l., works.....lb. .08 - —
2, ctns., c.l., works.....lb. .09 - —
l.c.l., works.....lb. .10 - —
2A, ctns., c.l., works.....lb. .11 - —
l.c.l., works.....lb. .12 - —
3, ctns., c.l., works.....lb. .13 - —
l.c.l., works.....lb. .14 - —
4, ctns., c.l., works.....lb. .14 - —
l.c.l., works.....lb. .15 - —
5, ctns., c.l., works.....lb. .17 - —
l.c.l., works.....lb. .18 - —
6, ctns., c.l., works.....lb. .24 - —
l.c.l., works.....lb. .25 - —
7, ctns., c.l., works.....lb. .34 - —
l.c.l., works.....lb. .35 - —
import, 1, bbls., c.l., f.o.b. N. Y..lb. .08 - —
l.c.l., f.o.b. N. Y.....lb. .09 - —
2, bbls., c.l., f.o.b. N. Y..lb. .11 - —
l.c.l., f.o.b. N. Y.....lb. .12 - —
3, bbls., c.l., f.o.b. N.Y..lb. .13 - —
l.c.l., f.o.b. N. Y.....lb. .14 - —
4, bbls., c.l., f.o.b. N. Y..lb. .14 - —
l.c., f.o.b. N. Y. ..lb. .15 - —
5, bbls., c.l., f.o.b. N. Y..lb. .19 - —
l.c.l., f.o.b. N. Y. ..lb. .20 - —
6, bbls., c.l., f.o.b. N. Y..lb. .24 - —
l.c.l., f.o.b. N. Y.....lb. .25 - —
Vine, A, bbls., works or N.Y.lb. .04½- —
B, bbls., works or N. Y....lb. .05½- —
Black dyes are listed under Dyes.
Black haw root bark, bls.....lb. .21 - .22
Tree bark, bls.....lb. .11 - .12
Black Indian hemp root, bls...lb. .12 - .13
Blanc fixe, dry, by-product, bgs., c.l..ton.60.00 -65.00
l.c.l. .....ton.65.00 -70.00
high grade precip., bgs, c.l., works, frt. equal.ton.70.00 - —
l.c.l., same basis.....ton.75.00 - —
pulp, 55½%, bulk, c.l., works. ton.40.00 -42.50
Bleaching powder, dms., c.l., works..100 lbs. 2.00 - 2.25
l.c.l., works.....100 lbs. 2.25 - 2.60
Blood, dried, dom., 16-17% ammon., bulk, f.o.b. N. Y. unit-ton. 3.75 - —
high-grade, grd., 16-17% ammon., bulk, f.o.b. Chi. unit-ton. 4.00 - —
import, bgs., c.l.f. ports, shipt..unit-ton. 3.45 - —
soluble (see Albumen, blood)
Bloodroot, bls .....lb. .12 - .13
Blue, alkali, toner, bbls., dlvd. N. of Tenn. and N. C., E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis. lb. .90 - —
Alkali blue toner prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1¼c.). Miss., N. C., S. C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1½c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.
Bronze, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Celestial, bbls.....lb. .10 - .15
Chinese, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Cobalt, genuine, 1-kilo pkg..lb. 4.90 - —
imitation (see Blue, ultramarine, group 6).
Milori, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Potash, bbls., same basis alkali toner, contracts..lb. .45 - —
open order.....lb. .47 - —
Prussian, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Soluble, bbls., same basis alkali toner, contracts..lb. .37 - —
open order.....lb. .38½- —
Ultramarine, dry, jobbing, bbls., works, frt. equaled..lb. .10 - —
regular, 1, bbls., works, frt. equald..lb. .16 - —
2, bbls., same basis.....lb. .17 - —
3, bbls., same basis.....lb. .18 - —
4, bbls., same basis.....lb. .19 - —
5, bbls., same basis.....lb. .22 - —
6, cobalt, A., same basis..lb. .26 - —
B, bbls., same basis..lb. .23 - —
C, bbls., same basis..lb. .22 - —
D, bbls., same basis..lb. .21 - —
7, A, bbls., same basis..lb. .22 - —
B, bbls., same basis..lb. .21 - —
special, 1, bbls, same basis. lb. .18 - —
2, bbls., same basis.....lb. .19 - —
3, bbls., same basis.....lb. .21 - —
4, bbls., same basis.....lb. .22 - —
5 bbls., same basis.....lb. .24 - —
6, bbls., same basis.....lb. .26 - —
pulp, 1, bbls., same basis...lb. .26 - —
2, bbls., same basis.....lb. .24 - —
3, bbls., same basis.....lb. .22 - —
4, bbls., same basis.....lb. .19 - —
Ultramarine, blue, dlvd ex whse. is 1c. higher; Pac. coast ex whse., 2c. higher; 100-lb. kgs., 1c. above bbls.; 28-lb. boxes 5c. above bbls.
Victoria, ink toner, bbls., same basis alkali toner..lb. 1.85 - —
Blue dyes are listed under Dyes.
Blueflag root, bls.....lb. .15 - .16
Blue mass, USP., cns., kgs....lb. 1.00 - 1.02
Blue vitriol, 99%, cryst., bbls., c.l., f.o.b. N.Y., Chicago, Cooper Hill, Tenn. 100 lbs. 4.00 - —
16-25, same basis.100 lbs. 4.15 - —
6-15, same basis...100 lbs. 4.25 - —
3-5, same basis...100 lbs. 4.50 - —
1-2, same basis...100 lbs. 4.70 - —
monohydrated, dms., c.l., dealers, E. of Rockies...lb. .08 - .081
jobbers, E. of Rockies.lb. .08 - .081
l.c.l., dealers, E. of Rockies..lb. .09 - .095
jobbers, E. of Rockies.lb. .085 - .088
Bluestone (see Blue vitriol)
Bone, raw, dom., 4½% ammon., 50% phos., bgs., f.o.b. Chicago-ton.23.00 -25.00
c.i.f. Atlantic ports..ton.32.00 - —
S.A., bgs., c.i.f. ports..ton.30.50 - —
steamed, dom., 1½% ammon., 60% phos., bgs., f.o.b. Chicago..ton.17.00 -18.00
import, 1% ammon., 65-70% phos., bgs., c.i.f. ports.ton.23.50 - —
meal, steamed, dom., 3% ammon., 50% phos., bgs, f.o.b. Chicago..ton.18.00 -20.00
import, 100-lb. bgs., c.i.f. ports..ton.24.50 - —
Phosphate, precip. (see Calcium phosphate, dibasic, precip.)
Borage flowers, bls.....lb. .21 - .23
Borax, tech., 99½%, cryst., bbls., contracts,80 tons min., dlvd..ton.56.00 - —
c.l., dlvd.....ton.60.00 - —
l.c.l., ex whse.....ton.65.00 -70.00
sks., contracts, 80 tons min., dlvd..ton.46.00 - —
c.l., dlvd.....ton.50.00 - —
l.c.l., ex whse.....ton.55.00 -60.00
gran., bbls., contracts, 80 tons min., dlvd..ton.50.00 - —
c.l., dlvd.....ton.54.00 - —
l.c.l., ex whse.....ton.59.00 -64.00
sks., contracts, 80 tons min., dlvd..ton.40.00 - —
c.l., dlvd.....ton.44.00 - —
l.c.l., ex whse.....ton.49.00 -54.00
powd., bbls., contracts, 80 tons min., dlvd..ton.55.00 - —
c.l., dlvd.....ton.59.00 - —
l.c.l., ex whse.....ton.64.00 -69.00
sks., contracts, 80 tons min., dlvd..ton.45.00 - —
c.l., dlvd.....ton.49.00 - —
l.c.l., ex whse.....ton.54.00 -59.00
USP., $15 per ton higher.
Bordeaux mixture, cs., dms., tins. c.l., dealers, East..lb. .08¼- .14¾
West .....lb. .09 - .11
jobbers, East.....lb. .08 - .14¼
West .....lb. .08 - .10
l.c.l., dealers, East, 1,000 lbs. and over..lb. .08¾- .15¼
101 to 999 lbs.....lb. .09¾- .16¼
100 lbs. or less.....lb. .10¾- .18¼
West .....lb. .09½- .11¼
jobbers, East.....lb. .08¾- .14¾
Bordeaux mixture prices are works or whse. basis, frt. alld. to dest. in lots 96 lbs. and over; no trucking or freight allowances for works or warehouse pick-ups.

Archil—Calcium Hypophosphite

Borneol, bots.....lb. 1.75 - 2.00
Brasilwood extract (see Hypernic).
Brimstone (see Sulphur).
Bromine, purif., c.s.,c.l.,works.lb. .36 - —
1,000 lbs., works.....lb. .38 - —
smaller lots, works.....lb. .43 - —
Bromoform, USP, jars.....lb. 1.75 - 1.90
Bronze powder, aluminum (see A).
Gold, litho, cns., dms., over 10 lbs..lb. .40 - .60
moulding, cns., dms., over 10 lbs..lb. .55 - .60
printing ink, cns., dms., over 10 lbs..lb. .70 - 1.10
radiator, cns., dms., over 10 lbs..lb. .45 - .50
Broomtop, bls.....lb. .10 - .11
Brown, iron oxide, pure precip., cks, f.o.b. N.Y. or works...lb. .12½- —
Metallic, bbls., works.....lb. .02 - —
paper bgs., c.l., works.....lb. .0135- —
Sienna, burnt, American, bbls., works..lb. .03 - —
Italian, 1, bbls., f.o.b. N.Y. or Pa. points.....lb. .12 - —
2, bbls., same basis.....lb. .11 - —
3, bbls., same basis.....lb. .10 - —
4, bbls., same basis.....lb. .09½- —
5, bbls., same basis.....lb. .09½- —
6, bbls., same basis.....lb. .09 - —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07½- —
9, bbls., same basis.....lb. .07 - —
10, bbls, same basis.....lb. .06½- —
11, bbls., same basis.....lb. .06½- —
12, bbls., same basis.....lb. .06 - —
13, bbls., same basis.....lb. .05½- —
14, bbls., same basis.....lb. .05½- —
raw, American, bbls., works.lb. .02½- —
Italian, 1, bbls., f.o.b. N.Y. or works.....lb. .12½- —
2, bbls., same basis.....lb. .10½- —
3, bbls., same basis.....lb. .10½- —
4, bbls., same basis.....lb. .09½- —
5, bbls., same basis.....lb. .08½- —
6, bbls., same basis.....lb. .08¼- —
7, bbls., same basis.....lb. .07½- —
8, bbls., same basis.....lb. .07 - —
9, bbls., same basis.....lb. .06½- —
10, bbls., same basis.....lb. .05¾- —
11, bbls., same basis.....lb. .04¾- —
Umber, American, bbls., works. lb. .02½- —
Turkey, bbls., l.c.l., f.o.b. Bethlehem, Pa., Easton, Pa., N. Y.....lb. .04 - —
St. Louis.....lb. .04¾- —
ex car Los Angeles...lb. .04½- —
ex dock Portland, San Francisco, Seattle.lb. .04¾- —
ex whse. Boston.....lb. .04½- —
Chicago, Indianapolis, New Orleans.....lb. .04¾- —
Kansas City.....lb. .05 - —
Los Angeles, Portland, San Francisco, Seattle lb. .04¾- —
Minneapolis .....lb. .0485- —
Pittsburgh .....lb. .04½- —
Vandyke, bbls., l.c.l.....lb. .05¾- —
Walnut crystals, bbls.....lb. .06 - —
Brucine, cns.....oz. .10 - .11
Sulphate, cns.....oz. .07 - .08
Bryonia roots, bls.....lb. .10 - .11
Buchu leaves, bls.....lb. .70 - .80
Buckthorn bark, true, bls.....lb. .04 - .05
Berries, bgs.....lb. .19 - .20
Burdock root, bls.....lb. .09½- .10
Burgundy pitch, dom., bbls., c.l., works..lb. .03½- —
l.c.l., dlvd. E.....lb. .05 - —
import., stands.....lb. .11 - .12
Butanes, comi., 16-32°, tanks, group 3...gal. .02¼- .03¾
Butternut bark, bls.....lb. .06¾- .07
Butyl acetate, norm., dms., c.l., contract, frt. allo..lb. .09½- —
l.c.l., contract, frt. allo.lb. .10 - —
tanks, contract, frt. allo.lb. .03½- —
secondary, dms., c.l., f.o.b. dest..lb. .03½- —
l.c.l., f.o.b. dest.....lb. .09 - —
tanks, f.o.b. dest.....lb. .07½- —
Acohol (see Alcohol).
Aldehyde, dms., c.l., works..lb. .19 - —
l.c.l., works.....lb. .21 - —
Carbinol (see Carbinol).
Lactate, dms.....lb. .22½- .23½
Propionate, dms., dlvd.....lb. .18 - .18½
tanks, dlvd.....lb. .17 - —
Butyric ether, dms.....lb. .80 - .85

C

Cadmium bromide, bots., jars.lb. 1.39 - 1.44
Iodide, bots., jars.....lb. 3.65 - 3.70
Lithopone (see Yellow).
Metal, cs.....lb. 1.05 - —
Red (see Red).
Selenide (see Red).
Sulphide (see Yellow).
Caffeine, cns., cs., less than 1,000 lbs., contract..lb. 2.20 - 2.30
dms., 1,000 lbs. or over, contract..lb. 2.15 - —
Citrated, cns.....lb. 1.70 - 1.75
Hydrobromide, bots., jars...lb. 4.52 - 4.67
Calabar beans, bgs.....lb. .15 - .16
Calamus root, bleached, cs....lb. .45 - .50
Calcium acetate, bgs., dlvd..... 100 lbs. 2.10 - —
Arsenate, dms., c.l., consumers, S...lb. .06½- —
dealers, E. of Rockies..lb. .06¾- —
South .....lb. .06¾- —
jobbers, E. of Rockies.lb. .06 - —
South .....lb. .06 - —
l.c.l., consumers, S.....lb. .07½- —
dealers, E. of Rockies, 1,000 lbs. or over..lb. .06¾- —
101 to 999 lbs.....lb. .07¾- —
100 lbs. or less.....lb. .08¾- —
South .....lb. .08¾- —
jobbers, E. of Rockies..lb. .06¾- —
South .....lb. .06¾- —
Calcium arsenate prices are works or whse basis, frt. allo. to dest. in lots of 90 lbs. or over; no frt. or truck, allowance for plant or whse. pick-up.
Bromide, jar.....lb. .80 - .82
Carbide, dms.....lb. .05 - .06
Carbonate (see Chalk and Whiting)
Chloride, flake, dom., 77-85%, bgs., dms., c.l., dlvd. ton.22.00 -35.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.70 - 2.35
liquor, basis 40%, tanks, works ton. 7.50 - —
solid, dom., 73-75%, bgs., dms., c.l., dlvd..ton.20.00 -33.00
l.c.l., 1 ton or over, dlvd..100 lbs. 1.60 - 2.25
Gluconate, pharm., gran., powd., bbls. (125 lbs.)..lb. .50 - —
25 lbs.....lb. .57 - —
Glycerophosphate, bbls., kgs., 100 lbs..lb. 1.15 - —
Hypophosphite, cns.....lb. .62 - .67

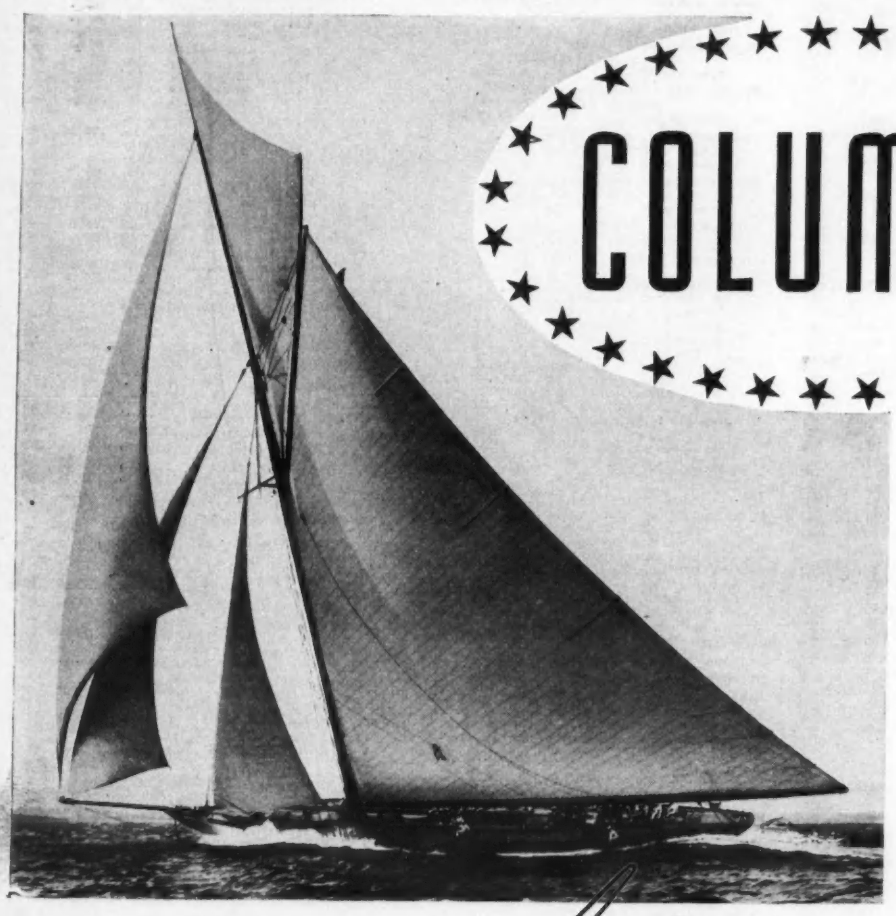
Calcium Iodide—Coaltar

Calcium, iodide, bots., jars....lb. 3.70 - 3.75
Lactate, USP, bbls.....lb. .25 - .28
Nitrate, bgs., to fert. mfrs., ex vessel..ton.26.10 - —
Palmitate, bbls.....lb. .21 - .22
Phosphate, dibasic, precip., 38-42% P_2O_5, c.l.f. Atlantic ports..unit-ton. .09 - —
tri-basic, precip., c.l., bbls., works..lb. .06½- —
l.c.l., bbls.....lb. .07½- —
Resinate, precip., bbls., 1 ton.lb. .13 - —
smaller lots.....lb. .14 - —
Stearate, precip., bbls., ctns., c.l..lb. .19 - —
1 ton.....lb. .20 - —
smaller lots.....lb. .21 - —
Sulphate (see Gypsum)
Sulphide, 75%, CaS (minus 100 mesh, c.l., works..ton.52.00 - —
l.c.l., works.....ton.56.00 - —
82/86 CaC c.l., works..ton.58.00 - —
l.c.l., works.....ton.64.00 - —
luminous, dom., tins, works, lb. .75 - —
Sulphocarbolate, cs.....lb. .47 - .48
Calendula flowers, bls.....lb. .55 - .60
Calomel, bxs., kgs.....lb. 1.32 - —
Camphor, natural, powd., cs..lb. .52 - .53
slabs, cs.....lb. .52 - .53
tablets, tins.....lb. .57 - .58
synthetic, dom., imp., gran., powd., bbls., 2,000 lbs..lb. .48 - —
500 lbs.....lb. .50 - —
100 lbs.....lb. .51 - —
tablets, cs., 2,000 lbs.....lb. .54 - —
500 lbs.....lb. .56 - —
100 lbs.....lb. .57 - —
Monobromate, bxs., kgs.....lb. 1.60 - 1.65

Canada balsam (see Fir balsam)
Canary seed, Argentine, bgs...lb. .06 - .06½
Morocco, bgs.....lb. .06 - .06½
Turkish, bgs.....lb. .06¾- .07
Canella alba bark, bls.....lb 37 - 38
Cannabis herb, bls.....lb. .18 - .20
Cantharides, Chinese, cs.....lb. .60 - .65
powd., bxs.....lb. .85 - .90
Russian, cs.....lb. 1.40 - 1.45
powd., bxs.....lb. 1.80 - 1.85
Capsicum (see Pepper, red).
Caraway seed, Dutch, bgs.....lb. .06¼- .06½
Carbazole, 70-80%, dms.....lb. .60 - —
90%, dms.....lb. .89 - —
96-98%, dms.....lb. .92 - —
Carbinol, butyl, norm., dms., works..lb. .60 - —
small lots, works.....lb. .75 - —
secondary, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Diethyl, dms., works.....lb. .60 - —
small lots, works.....lb. .75 - —
Isobutyl, 128-132°, dms., c.l., works..lb. .33 - —
l.c.l., works.....lb. .34 - —
tanks, works.....lb. .32 - —
Methylpropyl, dms., works...lb. .60 - —
smaller lots, works.....lb. .75 - —
Dimethylethyl, dms., works.lb. .60 - —
small lots, works.....lb. .75 - —
Carbon bisulphide, dms.....lb. .05¼- .05½
tanks.....lb. .04½- —
Dioxide, cyls.....lb. .06 - .08
Tetrachloride, 55-gal. or 110-gal., dms., c.l. (20 tons), frt. alld. E. of Miss. river, N. of Ohio river, including Ky., Va., W. Va..lb. .05¼- —
l.c.l., same basis.....lb. .05¾- —

Carbon tetrachloride, 10-gal. dms., c.l. (20 tons), same basis.lb. .07 - —
l.c.l., same basis.....lb. .08½- —
5-gal. dms., c.l. (20 tons), same basis..lb. .07 - —
l.c.l., same basis.....lb. .08½- —
tanks, same basis.....lb. .05 - —
Fire extinguisher liquid, 2½c. lb. higher.
Cardamom, bleached, cs.....lb. 1.00 - 1.30
decorticated, cs.....lb. 1.12 - 1.15
green, bgs.....lb. .95 - .98
Carvol, bots.....lb. 4.00 - 4.25
Cascara sagrada bark, bulk...lb. .12 - .13
Case-hardening mixture, 45%, gran., dms., l.c.l.....lb. .11½- —
lump, dms., l.c.l.....lb. .10½- —
90%, lump, dms. l.c.l.....lb. .09 - —
Casein, dom., 20-30 mesh, bgs., c.l., dlvd.....lb. .17 - —
5 tons, works.....lb. .17¼- —
smaller lots, works.....lb. .16¼- —
80-100 mesh, bgs., c.l., dlvd..lb. .17½- —
5 tons, works.....lb. .17¾- —
smaller lots, works.....lb. .18¾- —
Import, Argent., 20-30 mesh, bgs., c.l., duty pd..lb. .17 - —
80-100 mesh, bgs., c.l., duty pd..lb. .17½- —
French, 30 mesh, bgs., c.l., duty pd..lb. .16½- .17
Cassia, Batavia, 1, bgs.....lb. .13½- .13¾
3, bls.....lb. .07½- .07¾
short stick, bls.....lb. .12 - .12½
China, rolls, select, cs.....lb. .05½- .05¾
broken, extra bls.....lb. .03¾- .04
Saigon, bls.....lb. .15½- .16
Cassia buds, cs.....lb. .14½- .15
Cassia fistula, bskts.....lb. .15 - .16

Castile soap, white, bars, cs., 40 lbs.20.00 - —
powd., bbls.....lb. .28 - .34
Castoreum, nat., cns.....lb.15.00 -18.00
synth., bots.....lb.19.00 - —
Castor oil (see Oil, castor)
Pomace, dom., 5½% ammon., bgs., c.l., works.....ton.18.50 - —
import, bgs., c.i.f., ports, shipment..ton No prices
Catnep leaves, bls.....lb. .18 - .19
Celery seed, French, bgs.....lb. .20½- .21
Indian, bgs.....lb. .15 - .16½
Celluloid scrap, amber, cs.....lb. .12 - .13
black, cs., works.....lb. .08 - .09
China white, ivory, cs., works, lb. .12 - .13
dense white, cs., works....lb. .11 - .12
grey, cs., works.....lb. .09 - .10
mixed, mottles, opaques, cs., works..lb. .05 - —
shell-demi, cs., works.....lb. .09 - .10
translucent pastels, cs., works, lb. .13 - .14
transparent, cs., works....lb. .12 - .13
colors, cs., works.....lb. .08 - .09
Shavings, amber, cs., works.lb. .13 - —
colored, mixed, cs., works..lb. .09 - —
white, cs., works.....lb. .12 - —
Cellulose acetate, flake, cs., 2,000 lbs., works..lb. .55 - —
1,000 lbs., works.....lb. .56 - —
500 lbs., works.....lb. .57½- —
100 lbs., works.....lb. .60 - —
scrap, transparent, bgs., works, lb. No stocks
Cement, white, bbls. (4 bags), 3 tons, dlvd. N.Y...bbl. 6.10 - —
less than 3 tons, truck dlvy, bbl. 8.00 - —
Cerium hydrate, dms., works..lb. .65 - —
Oxalate, USP, bbls., works..lb. .26 - —
kgs., works.....lb. .30 - —
Chalk, precip., ext. light, csks., c.l..lb. .03 - .04
heavy, csks., c.l.....lb. .03 - .04
light, csks., c.l.....lb. .02 - .04
Chamomile flowers, Hungarian, genuine, cs..lb. .22 - .23
Roman, bls.....lb. .28 - .30
Charcoal, softwood, powd., 80-100 mesh, bgs., c.l., dlvd. Ala., Del., Ga., Ky., Md., Miss., N. J., N. Y., N. C., S. C., Tenn., Va., W. Va. ton.28.40 - —
Conn., Me., Mass., N. H., R. I., Vt....ton.28.80 - —
Ill., Wis. .....ton.23.00 - —
Indiana .....ton.26.00 - —
Mich., Ohio, Penn..ton.27.80 - —
l.c.l. works.....ton.18.00 - —
Willow, powd., bbls.....lb. .06 - .07
Chestnut extract, clarif., 25% tan., bbls..lb. .01625- —
tanks .....lb. .02 - —
powd., bgs., works.....lb. .04¾- —
Chillies (see Pepper, red).
China clay, dom., dry-grd., air-float, 99.75% 300 mesh, bgs., c.l., works..ton. 8.50 - —
l.c.l., works.....ton. 9.00 -15.00
bulk, c.l., works..ton. 6.00 - —
99.75% 200 mesh, bgs., c.l., works..ton. 7.50 - —
l.c.l., works.....ton. 8.50 -14.50
wet-grd., silk-bolt., 99.9% 325 mesh, bulk, c.l., works..ton. 8.00 - —
paper bgs., c.l., works, ton.10.50 - —
import., white, lump, bulk, c.l., ex dock Balto., Boston, Norfolk, Phila. ton.22.00 -25.00
powd., csks., l.c.l., ex dock ton.35.00 - —
ex whse.....ton.37.50 - —
Chloral hydrate, bots., 1,000 lbs. lb. .83 - .93
500 lbs.....lb. .86 - .95
100 lbs.....lb. .88 - .97
25 lbs.....lb. .90 - .99
1-10 lbs.....lb. .95 - 1.02
dms., 1,000 lbs.....lb. .80 - —
500 lbs.....lb. .83 - —
100 lbs.....lb. .85 - —
Chlorine, liq., cyls., c.l., dlvd., N.Y...lb. .05½- —
contracts., dlvd., N.Y...lb. .05½- —
l.c.l., dlvd., N.Y.....lb. .07½- —
tanks, single unit, works, frt. equald..100 lbs. 2.15 - —
multiple unit, 4 or over, wks., frt. equald.100 lbs. 2.30 - —
1-3, works, frt. equald... 100 lbs. 2.55 - —
Chloroacetophenone, tins, works.lb. 2.00 - —
Chloroform, tech., 650-lb. drums, lb. .20 - —
100-lb. dms.....lb. .22 - —
50-lb. tins.....lb. .23 - —
USP, 650-lb. dms.....lb. .30 - —
100-lb. dms.....lb. .32 - —
50-lb. dms.....lb. .33 - —
Chloropicrin, comL, cyls., works, lb. .85 - .90
Chrome acetate, bbls.....lb. .05 - .08
Cake, bulk., c.l., works....ton.11.00 -12.00
Green (see Green, chrome)
Oxide (see Green, chrome oxide)
Sulphate, pearls, bxs., cns., fib. dms..lb. .40 - .45
powd., bxs., cns., fib. dms. lb. .40 - .45
scales, bxs., cns., fib. dms.lb. .45 - .50
Trioxide (see Acid, chromic)
Yellow (see Yellow, chrome)
Chrysarobin, cns.....lb. 3.25 1 3.50
Cinchona bark, chips, bgs.....lb. .18 - .20
high test, bgs.....lb. .45 - .50
quills, broken, bgs.....lb. .18 - .20
long, cs.....lb. .55 - .60
short, bgs.....lb. .50 - .55
Ecuador, tubes.....lb. .17 - .35
Cinchonidine, cryst., powd., cns.oz. .80 - .87
Sulphate, cns.....oz. .47 - —
Cinchonine, cryst., powd., cns.oz. .50 - .58
Sulphate, cns.....oz. .34 - —
Cinchophen, USP., bbls.....lb. 3.00 - —
bxs., dms., kgs.....lb. 3.05 - 3.10
Cinnamic alcohol (see Alcohol, cinnamic)
Aldehyde, f.f.c., bots.....lb. 1.55 - 2.00
Cinnamon, Ceylon, 2, bls.....lb. .17 - .17½
3, bls.....lb. .16 - .16½
Citral, cns.....lb. 1.75 - 3.15
Citrine ointment, jars, tubes..lb. .75 - —
Citronellal, bots.....lb. 1.10 - 1.25
Citronellol, bots.....lb. 1.90 - 2.10
Clove, Madagascar, bls.....lb. .14¾- .15
Zanzibar, bls.....lb. .15½- .16
Clover tops, bls.....lb. .12 - .13
Coaltar, coal-gas, crude, bbls., c.l., works..bbl. 7.25 - —
l.c.l., works.....bbl. 8.00 - —
tanks, works.....gal. .07 - .09
refd., bbls., c.l., works...bbl. 7.75 - —
l.c.l., works.....bbl. 8.50 - —
tanks, works.....gal. .08 - .10
water-gas, crude, dms., c.l., works..dm. 6 75 - —
l.c.l. works.....dm. 7.50 - —
tanks, works.....gal. .07 - .08
refd., dms., c.l., works..dm. 7.25 - —
l.c.l. works.....dm. 8.00 - —
tanks, works.....gal. .08 - .09



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Cobalt acetate, bbls., dlvd	lb.	.58 -	.60
kgs., dlvd	lb.	.65 -	—
Carbonate, tech., bbls., dlvd	lb.	1.42½-	—
Chloride, dms., works	lb.	.67¾-	.72¾
Hydrate, bbls	lb.	1.66 -	1.70
Linoleate, paste, 6% dms	lb.	.81½-	—
solid, 8½% bbls	lb.	.32½-	—
Oleate, bbls	lb.	.26 -	—
Oxide, black, kgs	lb.	1.41 -	1.51
Resinate, fused, A, bbls	lb.	.13 -	—
1%, bbls	lb.	.12½-	—
2%, bbls	lb.	.16½-	.17
3%, bbls	lb.	.17½-	.18
precip., dms., dlvd	lb.	.30½-	—
Sulphate, dms	lb.	.51 -	.58
Cocaine hydrochloride, cns	oz.	9.75 -	10.00
Cochineal, gray, bgs	lb.	.62 -	.36
Teneriffe, silver, bgs	lb.	.33 -	.37
Cocillana bark, bgs	lb.	.20 -	.21
Cocoa butter, lump, bgs., c.l.	lb.	.21¼-	—
Codeine, cns., 100 ozs	oz.	11.70 -	11.75
Hydrochloride, cns., 100 ozs.	oz.	10.50 -	10.55
Phosphate, cns., 100 ozs	oz.	9.00 -	9.05
Sulphate, cns., 100 ozs	oz.	9.50 -	9.55
Codliver oil (see Oil, codliver)			
Cohosh, black, root, bls	lb.	.07 -	.07½
Blue, root, bls	lb.	.05½-	.06
Colchicine, vls	oz.	24.00 -	25.00
Colchicum seed, bgs	lb.	.23 -	.25
Collodion, USP, dms	lb.	.12 -	.13
Flexible, USP, dms	lb.	.14 -	.15
Colocynth pulp, bls	lb.	.60 -	.65
Colombo root, bls	lb.	.10½-	.11
Coltsfoot leaves, bgs	lb.	.08 -	.09
Condurango bark, bgs	lb.	.08 -	.09
Conium leaves, bls	lb.	.18 -	.19
Copaiba balsam, Para, cns	lb.	.19 -	.20
S.A., USP, cns	lb.	.21 -	.22
Copper carbonate, 52-59%, bbls	lb.	.14½-	.16¼
18-20%, bbls	lb.	.07 -	.08
Chloride, bbls	lb.	.17 -	.18
Cyanide, tech., bbls	lb.	.37 -	.38
Iodide, bots	lb.	4.97 -	5.02
Metal, electrolytic	lb.	.10 -	—
Oleate, precip., bbls	lb.	.20 -	—
Oxide, black, bbls., tons, works, lb.		.14¾-	—
smaller lots, works	lb.	.15¼-	—
Red, com'l, 50-75%, kgs., c.l., f.o.b. N.Y.	lb.	.14 -	—
l.c.l., f.o.b. N. Y.	lb.	.15 -	—
Resinate, precip., bbls	lb.	.18 -	.19
Stearate, precip., bbls	lb.	.35 -	.40
Sulphate (see Blue vitriol)			
Copperas, cryst., gran., bgs., c.l., works	ton.	14.00	-15.00
bbls., c.l., works	ton.	16.00	-17.00
l.c.l., 25 or over, works, 100 lbs.		1.35 -	—
5-24, works	100 lbs.	1.50 -	—
1-4, works	100 lbs.	2.00 -	—
bulk, c.l., works	ton.	12.00	-13.00
Copra, bgs., Pacific Coast	lb.	.0360	—
Coriander seed, Morocco, bgs	lb.	.04½-	.05
bleached, bgs	lb.	.06¼-	.06¾
Russian, bgs	lb.	No stocks.	
Corn sugar, tanners, bbls., dlvd. 100 lbs.		3.88 -	—
ex whse	100 lbs.	3.78 -	—
Syrup, 42°, bbls	100 lbs.	3.80 -	—
43°, bbls	100 lbs.	3.90 -	—
Cornsilk, bls	lb.	.07½-	.08
Corrosive sublimate, cryst., bxs., flb. dms., kgs.	lb.	1.14 -	—
gran., bxs., flb. dms., kgs.	lb.	.99 -	—
powd., bxs., flb. dms., kgs.	lb.	.99 -	—
Cottonroot bark, bls	lb.	.11½-	.12
Cottonseed hull ash, 25-30% pot ash bulk, dlvd. unit-ton.		1.00 -	—
Coumarin, cns	lb.	3.10 -	3.35
Cramp bark, genuine, bls	lb.	.20 -	.21
so-called, bls	lb.	.07 -	.08
Cranesbill root, bls	lb.	.10 -	.11
Cream tartar, cryst., bbls	lb.	.16¾-	.17¼
kgs.	lb.	.17¼-	.17¾
gran., bbls	lb.	.16¼-	.16¾
kgs.	lb.	.16¾-	.17¼
powd., bbls	lb.	.16¼-	.16¾
kgs.	lb.	.16¾-	.17¼
Creosote, wood, beech., bots	lb.	.70 -	.75
pine, dms	gal.	.28 -	—
USP, bots	lb.	.45 -	.47
Carbonate, bots., cbys	lb.	1.40 -	1.75
Oil, crude, tanks, works	gal.	.12½-	.13½
Coaltar solution, tanks, works	gal.	.113 -	.125
refd., bbls., c.l., works	gal.	.22½-	—
l.c.l., works	gal.	.25 -	—
tanks, works	gal.	.18 -	.18½
Cresol, USP., dms	lb.	.10 -	.10½
Crotonaldehyde, tech., dms., c.l., works	lb.	.26 -	—
l.c.l., works	lb.	.30 -	—
Cube root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipm't., f.o.b. N. Y. C., fr't., equal'd., with shipm'ts., from Newark, Balto., and West Coast ports	lb.	.28 -	—
30,000 lbs., contract, same basis	lb.	.28½-	—
10,000 lbs., same basis	lb.	.29 -	—
2,000 lbs., same basis	lb.	.30 -	—
200 lbs., same basis	lb.	.33 -	—
less than 200 lbs., same basis	lb.	.36 -	—
4% rotenone prices 5c. per lb. less.			
Cubeb berries, XX, bgs	lb.	.34 -	.35
powd., cs	lb.	.38 -	.39
Culver's root, bls	lb.	.16 -	.17
Cumin seed, Algerian, bgs	lb.	.08¾-	.09¼
Indian, bgs	lb.	.09¼-	.09½
Morocco, bgs	lb.	.09 -	.09½
Cutch, Philippine, bls., c.l.	lb.	.04 -	—
Cyanamide, 21-22% N., dom., pulv., bgs., f.o.b. Gulf ports, dlvd, interior, NH_3 unit.		1.07½-	—
Atlantic ports, NH_3 unit.		1.03 -	—
Cyanide-chloride mixture, 75% gran., dms.	lb.	.16 -	.17
lump, dms	lb.	.14 -	.15

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Damiana leaves, bls	lb.	.13 -	.14
Dandelion root, German, bls.	lb.	.20 -	.21
Deertongue leaves, bls	lb.	.08 -	.09
Degras, common, dom., bbls.	lb.	.05½-	.06
English, bbls	lb.	.06 -	.06½
Japanese, bbls	lb.	.07¼-	.07¾
neutral, dom., bbls	lb.	.08½-	.10½
English, bbls	lb.	.09 -	.09½
Derris root, powd., 5% rotenone, bbls., 30,000 lbs., 1 shipment, f. o. b. N. Y. C., fr't., equal'd with shipments from Newark, Balto., and West Coast ports	lb.	.39 -	—
30,000 lbs., contract, same basis	lb.	.39½-	—
10,000 lbs., same basis	lb.	.40 -	—
2,000 lbs., same basis	lb.	.41 -	—
200 lbs., same basis	lb.	.44 -	—
less than 200 lbs., same basis	lb.	.47 -	—
4% rotenone prices 6c. per lb. less.			
Dextrin, British gum, bgs., c.l., f.o.b. Chicago	100 lbs.	4.60 -	—
l.c.l., f.o.b. Chicago	100 lbs.	4.80 -	—
Corn, canary, bgs., c.l., f.o.b. Chicago	100 lbs.	4.35 -	—
l.c.l., f.o.b. Chicago	100 lbs.	4.55 -	—
white, bgs., c.l., f.o.b. Chicago	100 lbs.	4.30 -	—
l.c.l., f.o.b. Chicago	100 lbs.	4.50 -	—
Potato, import., bgs	lb.	.07¾-	.08¾
Tapioca, bgs., ex whse	lb.	.08 -	—
Diamyl ether, dms., c.l., works	lb.	.085 -	—
l.c.l., works	lb.	.092 -	—
tanks, works	lb.	.075 -	—
oxalate, dms., l.c.l., works	lb.	.30 -	—
Diamyl phthalate, dms., c.l., dlvd.	lb.	.19 -	—
l.c.l., dlvd.	lb.	.19½-	—
5-gal. dms., works	lb.	.23 -	—
tanks, dlvd.	lb.	.18 -	—
Sulphide, dms., l.c.l., works	lb.	1.10 -	—
Diamylamine, dms., l.c.l., works	lb.	.75 -	—
Diamylene, dms., c.l., works	lb.	.095 -	—
l.c.l., works	lb.	.102 -	—
tanks, works	lb.	.085 -	—
Dianisidin, bbls.	lb.	2.25 -	2.45
Diatomaceous earth, dom., bgs., c.l., Pacific cst., works	ton.	22.00	-85.00
l.c.l., ex whse	ton.	45.00	-150.00
import., bgs., c.l., f.o.b. N.Y.	ton.	40.00	- —
Dibutyl phthalate, dms	lb.	.18 -	.18½
Tartrate, dom., dms	lb.	.35 -	.40
import., dms	lb.	.80 -	.85
Dicalcium phosphate (see Calcium phosphate, dibasic)			
Dichloroethyl ether, dms., c.l., works	lb.	.16 -	—
l.c.l., works	lb.	.17 -	—
tanks, works	lb.	.15 -	—
Dichloropentanes, dms., c.l., works	lb.	.062 -	—
l.c.l., works	lb.	.04 -	—
tanks, works	lb.	.025 -	—
Diethanolamine, dms	lb.	.31 -	.35
Diethyl carbonate, coml., dms	lb.	.31¾-	—
refd., 99%, dms	lb.	.50 -	—
Carbinol (see Carbino)			
Phthalate, dms., c.l.	lb.	.18½-	—
l.c.l.	lb.	.19 -	—
tanks	lb.	.17½-	—
Diethylanilin, dms.	lb.	.52 -	.54
Diethylene oxide, dms., c.l., works	lb.	.20 -	—
l.c.l., works	lb.	.21 -	.24
tanks, works	lb.	.19 -	—
Diethyleneglycol, dms., c.l., works	lb.	.16½-	—
l.c.l., works	lb.	.17½-	—
Monobutylether, dms., works	lb.	.26 -	.27
Monoethylether, dms., c.l., works	lb.	.16 -	—
l.c.l., works	lb.	.17 -	—
tanks, works	lb.	.15 -	—
Digitalis leaves, dms	lb.	.27 -	.30
Digiycol oleate, light, bbls	lb.	.24 -	—
Dill seed, recleaned, bgs	lb.	.06¾-	.06¾
Dimethyl phthalate, dms	lb.	.19½-	.20
Dimethylanilin, dms.	lb.	.29 -	.30
Dimethylethyl carbinol (see Carbinol)			
Dinitrobenzene, bbls.	lb.	.17 -	.17½
purified, bbls.	lb.	.19 -	.19½
Dinitrochlorobenzene, bbls.	lb.	.14½-	.15¼
Dinitronaphthalene, kgs.	lb.	.35 -	.38
Dinitrophenol, bbls.	lb.	.23 -	.24
Dinitrotoluene, dms.	lb.	.15½-	.16¼
oily, dms.	lb.	.08½-	.10
Diorthotoluoiguanidin, dms., 2,000 lbs. or over, dlvd.	lb.	.44 -	—
600-1,950 lbs., dlvd.	lb.	.46 -	—
150-450 lbs., dlvd.	lb.	.47 -	—
Dip oil (see Tar acid oil)			
Dipentene, dms.	gal.	.47 -	.50
tanks	gal.	.41 -	—
Diphenyl, bbls., c.l., works	lb.	.15 -	—
l.c.l. works	lb.	.20 -	.25
Diphenyl, oxide, bots	lb.	.70 -	1.00
Diphenylamine, bbls.	lb.	.31 -	.32
Diphenylguanidin, dms., 2,000 lbs. or over, dlvd.	lb.	.35 -	—
600-1,950 lbs., dlvd	lb.	.36 -	—
150-450 lbs., dlvd	lb.	.37 -	—
Diphenylmethane, bots.	lb.	1.40 -	2.60
Disodium phosphate (see Soda phosphate, dibasic)			
Divi-divi, bgs., shipment	ton.	32.00	-35.00
Extract, 25% tan., bbls	lb.	.05 -	.05½
Doggrass root, cut, bls	lb.	.12 -	.13
Dogwood bark, dom., bls	lb.	.04 -	.05
Jamaica, bls.	lb.	.06½-	.07
Dover's powder, USP, cns	lb.	2.75 -	2.80
Dragon's blood, mass, cs	lb.	.65 -	.85
reeds, thin, cs	lb.	.90 -	1.00
Duboisine sulphate, vls	oz.	34.50	-35.00

Dyes, coaltar, for general uses (numbers are those of Colour Index scale):—

36 Chrome yellow 2G	lb.	.65 -	.70
40 Chrome yellow R	lb.	.50 -	1.00
53 Victoria violet	lb.	.80 -	1.00
165 Lake red C	lb.	1.15 -	1.25
176 Fast red A	lb.	.60 -	.75
180 Fast red VR	lb.	1.50 -	1.65
189 Lake red R, paste	lb.	.85 -	.90
189 Lake red R, powdered	lb.	3.00 -	3.10
202 Chrome blue black U	lb.	.32 -	.40
204 Chrome black A	lb.	1.75 -	2.00
208 Fast red blue R	lb.	.75 -	2.00
216 Chrome red B	lb.	1.75 -	2.00
262 Cloth red 2B	lb.	.60 -	.80
289 Fast cyanin 5R	lb.	.90 -	1.00
299 Chrome black F	lb.	.60 -	.65
307 Fast cyanin black B	lb.	.80 -	.85
326 Direct fast scarlet	lb.	2.00 -	2.25
364 Paper yellow	lb.	.83 -	.90
365 Chrysophenin G	lb.	.58 -	.70
394 Direct violet N	lb.	1.25 -	1.30
382 Direct scarlet B	lb.	1.50 -	1.75
387 Direct violet B	lb.	1.00 -	1.30
401 Developed black BHN	lb.	.50 -	.75
406 Direct blue 2B	lb.	.25 -	.30
415 Direct orange R	lb.	.60 -	.70
419 Direct fast red F	lb.	.75 -	.85
420 Direct brown M	lb.	1.00 -	1.30
448 Benzo purpurin 4B	lb.	.40 -	.42½
496 Benzo purpurin 10B	lb.	.40 -	.50
502 Direct azurin G	lb.	.75 -	.80
512 Direct blue RD	lb.	.80 -	1.00
518 Direct pure blue 6B	lb.	1.10 -	1.25
520 Direct pure blue	lb.	.50 -	1.00
529 Direct fast black FF	lb.	.55 -	1.00
581 Direct black EW	lb.	.25 -	.50
582 Direct black RX	lb.	.35 -	.45
593 Direct green B	lb.	.75 -	.80
594 Direct green G	lb.	1.00 -	1.05
596 Direct brown 3GO	lb.	.35 -	1.00
620 Direct yellow R	lb.	1.25 -	1.50
698 Acid violet	lb.	1.00 -	3.00
812 Primulin	lb.	.50 -	.52
814 Direct fast yellow	lb.	2.00 -	2.25
845 Nigrosin (water soluble)	lb.	.35 -	.50
1177 Indigo, 20 p.c., paste	lb.	.15 -	.18
Benzo fast black L	lb.	.90 -	1.00
Sulphur black	lb.	.20 -	.25
Sulphur blue	lb.	.40 -	1.00
Sulphur brown	lb.	.25 -	.50
Sulphur maroon	lb.	.40 -	—
Sulphur olive	lb.	.25 -	.54
Sulphur tan	lb.	.30 -	.50
Sulphur yellow	lb.	.30 -	.50
Zambesi black	lb.	.75 -	.90

Dyes, coaltar, for general use (the numbers are those of the Colour Index.)

Oil-soluble (prices in barrels of 100 lbs.; lots of 25 pounds to a barrel are 3c. per lb. higher; f.o.b. sellers' works or warehouse)

Black:—			
865 Nigrosin derivatives	lb.	.42 -	—
Blue:—			
1075 Alizarin astrol base	lb.	15.00 -	—
1078 Alizarin cyanin green base	lb.	6.00 -	—
729 Victoria blue	lb.	.75 -	—
Browns:—			
Brown	lb.	1.15 -	—
Green:—			
1078 Alizarin cyanin green	lb.	5.00 -	—
.... Green	lb.	.75 -	—
Orange:—			
24 Sudan I	lb.	.70 -	—
.... Orange, red shade	lb.	.75 -	—
Red:—			
73 Sudan II	lb.	1.05 -	—
258 Sudan IV	lb.	.95 -	—
749 Rhodamine B (oil pink)	lb.	2.50 -	—
1080 Anthroquinone violet base	lb.	6.00 -	—
680 Oil violet	lb.	.50 -	—
Yellow:—			
15 Amidoazobenzene yellow	lb.	.90 -	—
17 Amidoazotoluene yellow	lb.	.75 -	—
61 Yellow OB	lb.	1.40 -	—

Spirit-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—			
864 Nigrosin	lb.	.40 -	—
Blue:—			
729 Victoria blue	lb.	2.55 -	—
860 Indulin	lb.	.70 -	—
Brown:—			
331 Bismarck brown	lb.	1.50 -	—
Green:—			
637 Malachite green base	lb.	2.00 -	—
Orange:—			
20 Chrysoidin G	lb.	.95 -	—
21 Chrysoidin R	lb.	.95 -	—
Red:—			
677 Fuchsin, magenta base	lb.	7.25 -	—
749 Rhodamine B	lb.	4.75 -	—
Yellow:—			
17 Amidoazotoluene yellow	lb.	.75 -	—
655 Auramine	lb.	2.00 -	—
800 Chinolin yellow SS	lb.	3.00 -	—
Violet:—			
680 Methyl violet	lb.	1.30 -	—

Water-soluble (prices in barrels of 250 lbs. each; lots of 25 lbs. to a barrel, 3c. per lb. higher; f.o.b. sellers' works or warehouse).

Black:—			
246 Naphthol blue black S	lb.	.50 -	—
865 Nigrosin	lb.	.36 -	—
873 Methylene gray	lb.	1.50 -	—
Blue:—			
714 Patent blue A	lb.	1.60 -	—
729 Victoria blue B	lb.	2.00 -	—
861 Indulin	lb.	.87 -	—
909 New blue R	lb.	1.30 -	—
922 Methylene blue	lb.	1.00 -	—
1054 Alizarin saphirol B	lb.	1.90 -	—
1180 Indigotin IA	lb.	.85 -	—
Brown:—			
234 Resorcin brown Y	lb.	.65 -	—
235 Resorcin dark brown R	lb.	.66 -	—
231 Bismarck brown G	lb.	.52 -	—
332 Bismarck brown R	lb.	.37 -	—
793 Phosphin	lb.	4.65 -	—
Green:—			
5 Naphthol green B	lb.	1.00 -	—
657 Malachite green	lb.	1.35 -	—
662 Brilliant green	lb.	2.00 -	—
666 Guinea green B	lb.	1.15 -	—
737 Wool green S	lb.	.58 -	—
924 Methylene green B	lb.	1.55 -	—
1078 Alizarin cyanin green	lb.	2.35 -	—
Orange:—			
10 Chrysoidin G	lb.	.40 -	—
21 Chrysoidin R	lb.	.37 -	—
27 Orange G	lb.	.50 -	—
151 Orange Y	lb.	.30 -	—
161 Orange R	lb.	.34 -	—
Red:—			
31 Amidonaphthol red G	lb.	.42 -	—
57 Amidonaphthol red 6B	lb.	.68 -	—
79 Ponceau R	lb.	.48 -	—
88 Fast red B	lb.	1.05 -	—
176 Fast red A	lb.	.54 -	—
179 Azorubin	lb.	.52 -	—
183 Crocein scarlet 3BX	lb.	.60 -	—
185 Cochineal red A	lb.	.60 -	—
252 Brilliant crocein M	lb.	.68 -	—
677 Fuchsin	lb.	1.90 -	—
749 Rhodamine B	lb.	3.50 -	—
752 Rhodamine 6G	lb.	4.50 -	—
768 Eosin G	lb.	1.50 -	—
841 Safranin	lb.	1.45 -	—
Violet:—			
680 Methyl violet B	lb.	.82 -	—
681 Crystal violet C	lb.	1.75 -	—
695 Acid violet 4BN	lb.	.88 -	—
Yellow:—			
10 Naphthol yellow S	lb.	.88 -	—
138 Metanil yellow	lb.	.53 -	—
636 Fast light yellow	lb.	1.25 -	—
639 Xylene light yellow	lb.	1.15 -	—
640 Tartrazin	lb.	.80 -	—
655 Auramine	lb.	1.27 -	—

Dyes, natural (see name of article).

E

Echinacea root, bls	lb.	.21 -	.22
Egg albumen (see Albumen).			
Yolk, dom., cs	lb.	.68	Nom.
import, cs	lb.	.51 -	.54
Elder flowers, bright, bls	lb.	.19 -	.20
dark, bls	lb.	.18 -	.19
Elecampane root, bls	lb.	.09 -	.10
Elm bark, grinding, bls	lb.	.11 -	.12
powd., bbls., bxs	lb.	.20 -	.21
select, bndls., cs	lb.	.17 -	.18
Emetine hydrochloride, bots., vls.	oz.	15.00	-15.25
Ephedra, bls	lb.	.06 -	.07
Ephedrine, tins, 100 ozs	oz.	1.00 -	—
Hydrochloride, tins, 100 ozs.	oz.	1.00 -	—
Sulphate, cryst., tins, 100 ozs.	oz.	1.00 -	—
powd., tins, 100 ozs.	oz.	1.05 -	—
Epsom salt, tech., bgs.	100 lbs.	1.70 -	—
bbls.	100 lbs.	1.80 -	—
USP, cryst., dom., bgs., c.l.	100 lbs.	1.90 -	—
bbls., c.l.	100 lbs.	2.00 -	—
l.c.l.	100 lbs.	2.35 -	2.60
import, bgs	100 lbs.	2.00 -	—
dried, dom., bgs., l.c.l.	lb.	.06 -	.06
Ergot, USP, cs, dms	lb.	1.50	Nom.
Eserine, bots., vls	oz.	42.00	-42.25
Salicylate, bots., vls	oz.	29.00	-29.25
Sulphate, bots., vls	oz.	30.00	-30.25

Cobalt Acetate—Gambier

Ether, acetic, dms	lb.	.10 -	.11
Ethyl (see Ether, sulphuric)			
Nitrous, conc., bots	lb.	.75 -	.77
Sulphuric, conc., dms	lb.	.09 -	—
synth., dms., c.l., works	lb.	.08 -	—
l.c.l., works	lb.	.09 -	—
USP, anesthesia, dms	lb.	.26 -	.27
USP, 1880, dms	lb.	.39 -	.40
washed, dms	lb.	.37 -	.39
Ethyl acetate, dms., c.l., frt. alld.	lb.	.07½-	—
l.c.l., frt. alld	lb.	.08 -	—
tanks, frt. alld	lb.	.06½-	—
anhyd., dms., c.l., frt. alld.	lb.	.06½-	—
l.c.l., frt. alld	lb.	.09 -	—
tanks, frt. alld	lb.	.07½-	—
Bromide, tech., dms	lb.	.50 -	.55
Caproate, cns	lb.	1.00 -	—
Chloride, dms	lb.	.22 -	.24
Cinnamate, bots	lb.	3.40 -	4.25
Crotonate, dms., works	lb.	1.00 -	1.25
Formate, dms	lb.	.27 -	.28
Iodide, bots	lb.	5.55 -	5.60
Lactate, 55-gal. dms., works	lb.	.33 -	—
5-gal. dms., works	lb.	.36 -	—
Oxalate, dms	lb.	.30 -	.34
Ethylbenzylanilin, dms.	lb.	.88 -	.90
Ethylene bromide, dms	lb.	.65 -	.70
Dichloride, dms., dlvd	lb.	.05½-	.0994
Ethyleneglycol, dms., c.l.	lb.	.17 -	—
l.c.l.	lb.	.18 -	.21
tanks	lb.	.16 -	—
Monobutylether, dms., c.l., works	lb.	.20 -	—
l.c.l., works	lb.	.21 -	.24
tanks, works	lb.	.19 -	—
Monoethylether, dms., c.l., works	lb.	.16 -	—
l.c.l., works	lb.	.17 -	—
tanks, works	lb.	.15 -	—
Monoethylether acetate, dms., c.l., works	lb.	.14 -	—
l.c.l., works	lb.	.15 -	—
tanks, works	lb.	.13 -	—
Monomethylether, dms., c.l., works	lb.	.19 -	—
l.c.l., works	lb.	.20 -	.23
tanks, works	lb.	.18 -	—
Ethylidinanilin, dms.	lb.	.45 -	.47½
Ethylmethyl ketone, dms., c.l., frt. pd	lb.	.07½-	—
l.c.l., frt. pd	lb.	.08 -	—
tanks, frt. pd	lb.	.06½-	—
Ethylorthoparatoluenesulphonamide, bbls.	lb.	.55 -	—
Ethylparatoluenesulphonamide, bbls.	lb.	.60 -	—
Eucalyptol, cns., dms	lb.	.46 -	.48
Eucalyptus leaves, bls	lb.	.06 -	.07
Eugenol, cns	lb.	1.85 -	1.95
Euphorbia, bls	lb.	.06 -	.06½

F

Feldspar, enamel, 100 mesh, bulk, works	ton.	14.00	-15.00
glass, 20 mesh, bulk, works	ton.	11.00	-12.25
pottery, bulk, Me. works	ton.	17.00	-19.00
N.C. works	ton.	17.00	-19.00
Fennel seed, French type, bgs, lb.		.07½-	.08
India bgs	lb.	.07½-	.08
German, large, bgs	lb.	.18 -	.19
small, bgs	lb.	.13 -	.14
Fenugreek seed, bgs	lb.	.05 -	.05½
Ferric sulphate, dms., works	ton.	35.00	-40.00
Film scrap, colors, dark, cs., 1,000 lbs. or over, E. works lb.		.12½-	.13
smaller lots, E. works. lb.		.13½-	.14
light, cs., 1,000 lbs. or over, E. works	lb.	.14 -	.15
smaller lots, E. works.	lb.	.15 -	.16
water white, cs., 1,000 lbs. or over, E. works	lb.	.15 -	.16
smaller lots, E. works.	lb.	.16 -	.19
Film scrap prices f.o.b. Calif. works, 1c. lb. lower.			
Fir balsam, Canada, cns	gal.	8.75	-13.00
Oregon, bbls	gal.	2.35 -	2.40
Fish berries, bgs	lb.	.10 -	.11
Fish scrap, menhaden, dried, 11-12% ammon., 15% bone phos., bulk, Chesapeake factories, contracts, futures	unit-ton.	3.50	&.10Nom.
grd., 11-12% ammon., 15% bone phos., bgs., f.o.b. Balto.	ton.	48.00	- —
wet, acidulated, 6-7% ammon., 3-4% phosphor. acid, bulk, E. Cst. factories, contracts	unit-ton.	No prices	
sardine, meal, Calif., 12-13% ammon., bgs., c.i.f. E. Cst. ports	unit-ton.	No prices.	
Japanese, 11½% ammon., bgs., c.i.f. ports, shipt., No. 1 grade	ton.	39.50	-40.00
Flake white, bbls., kgs	lb.	.09¾-	.10¼
Fleaseed, French, black, bgs	lb.	.11½-	.12
Indian, blonde, bgs	lb.	.08½-	.09
Fluorspar, enamel, 96-98%, bgs., standard, gravel, washed, 85 and 5%, dom., bulk, f.o.b. Ill., Ky. mines	ton.	31.00	-35.00
import., bulk, Atlantic ports, duty-paid	ton.	22.50	- —
lump., 85 and 5%, dom., bulk, f.o.b. Ill., Ky., mines	ton.	19.00	-20.00
powd., 97%, import., bgs., Atlantic ports, duty-paid	ton.	21.00	-23.00
Formaldehyde, bbls., c.l., works, lb.		.06 -	—
l.c.l., works	lb.	.06½-	.07
Fringetree bark, bls	lb.	.12 -	.13
Fuller's earth, dom., bgs., c.l., f.o.b. Fla., Ga., mines	ton.	10.00	- —
import., bgs., c.l., ex dock	ton.	23.00	- —
l.c.l., ex whse	ton.	30.00	- —
Furfural, refd., dms., c.l., works, lb.		.15 -	—
l.c.l., works	lb.	.17½-	.25
tech., dms., contracts, 150,000 lbs., works	lb.	.10 -	—
c.l., works	lb.	.12½-	—
Fusel oil, refd., dms. incl., dlvd, lb.		.16 -	.18
Fustic extract, cryst., bbls	lb.	.20 -	.22
liquid, bbls	lb.	.08½-	.09
solid, dms	lb.	.16 -	.18

G

G salt, bbls	lb.	.45 -	.47
Galangal root, bls	lb.	.08 -	.09
Gall extract, bbls	lb.	.18 -	.20
Gambier, common, bgs	lb.	No prices.	
plantation, bgs	lb.	.09	Nom.
Cubes, Singapore, bgs	lb.	.07 -	.09½
Extract, bbls	lb.	.08 -	.10

Gasoline—Gum Copal

Gasoline, at refinery:—
- Bayonne, US motor, 62-63 octane, tanks..gal. .06½- —
- 65 octane, tanks.....gal. .06¾- —
- above 65 octane, tanks..gal. .07 - —
- California, 56-58, 375 e.p., tanks..gal. .07 - —
- Gulf Coast, US motor, bulk, export..gal. .05½- —
- 60-62, 300 e.p., bulk, export, gal. .05⅝- —
- 60-62, 400 e.p., bulk, export, gal. .05¼- —
- 64-66, 375 e.p., bulk, export, gal. .05½- —
- Louisiana-Arkansas, US motor, 62 octane, tanks..gal. .05 - .05⅝
- 63-67 octane, tanks....gal. .06¼- .06⅜
- 68-70 octane, tanks....gal. .06½- .06⅝
- Oklahoma-Texas, US motor, 62 octane and below, tanks..gal. .04½- .04⅝
- 63-67 octane, tanks....gal. .04¾- .04⅞
- 68-70 octane, tanks....gal. .05¼- .05⅜
- 60-62, 400 e.p., tanks....gal. .04⅝- .04¾
- 64-66, 375 e.p., tanks....gal. .05⅜- .05½
- natural, 12-lb. v.p., tanks, gal. .06½- .06½
- 14-lb. v.p., tanks.....gal. .05⅜- .06⅛
- 18-lb. v.p., tanks.....gal. .05 - .05⅜
- 22-lb. v.p., tanks.....gal. .0467- .0493
- 26-70-lb. v.p., tanks...gal. .04¼- .04½
- Pennsylvania, US motor, tanks, gal. .05⅜- —
- 52-54, 450 e.p., naphtha, tanks..gal. .05½- —
- 60-62, 400 e.p., strt. run, tanks..gal. .05⅞- —

Gasoline, tankwagon and service station (Federal and State taxes included).

	T.W.	S.S.
Atlanta ..... gal.	.205	.225
Boston ..... gal.	.135	.155

Gasoline, tankwagon and service station (Cont.)

Chicago ..... gal.	.152	.174
Cincinnati ..... gal.	.175	.185
Denver ..... gal.	.19	.21
Louisville ..... gal.	.18	.20
Minneapolis ..... gal.	.158	.178
New Orleans ..... gal.	.19½	.23
New York ..... gal.	.15	.182
San Francisco ..... gal.	.17	.18

- Gelatin, silver, cs.....lb. .50 - .55
- Gelsemium root, bls.....lb. .12 - .13
- Gentian root, bls.....lb. .11½- .13
  - grd., bbls., bxs.....lb. .13 - 14
  - powd., bbls., bxs.....lb. .14 - .15
- Geraniol, cns. .....lb. .75 - 3.00
- Geranyl acetate, bots.....lb. 1.75 - 2.50
- Ginger root, Africa, bgs.....lb. .14 - .14½
  - Cochin, lemon, bgs.....lb. .18¼- .18¾
  - Jamaica, bold, bgs.....lb. .18½- .19
  - grinding, bright, bgs....lb. .13½- .14
  - medium, bold, bgs.....lb. .13⅜- .13⅝
  - Japanese, bgs.....lb. .16 - .16½
- Ginseng fibers, cs.....lb. 1.75 - 3.00
- Root, cultivated, cs.....lb. 2.00 - 4.00
- wild, Southern, cs.....lb. 6.00 - 7.00
- Glauber's salt, anhyd. (see Soda sulphate).
  - cryst., dom., bgs., 5 tons or over..100 lbs. .85 - —
  - smaller lots.....100 lbs. 1.00 - —
  - bbls., 5 tons or over..... 100 lbs. .95 - —
  - smaller lots.....100 lbs. 1.10 - —
  - import., bgs.....100 lbs. 1.05 - 1.35
- Glue, bone, calcimine type, 24 millipoise, 36 jelly-grams, bgs., c.l., dlvd..lb. .11 - —
  - l.c.l., dlvd.....lb. .11½- —
  - 28/58, bgs., c.l., dlvd.....lb. .11½- —
  - l.c.l., dlvd.....lb. .12 - —
  - 38/82, bgs., c.l., dlvd.....lb. .12½- —
  - l.c.l., dlvd.....lb. .13 - —
  - 48/108, bgs., c.l., dlvd....lb. .13 - —
  - l.c.l., dlvd.....lb. .13½- —
- Glue, Hide, calcimine type, 53 millipoise, 135 jelly grams, bgs, c.l., dlvd. East, Midwest..lb. .13½- —
  - l.c.l., same basis.....lb. .14 - —
  - 60/164, bgs, c.l., same basis..lb. .15 - —
  - l.c.l., same basis.....lb. .15½- —
  - 67/192, bgs, c.l., same basis..lb. .16 - —
  - l.c.l., same basis.....lb. .16½- —
  - 75/222, bgs., c.l., same basis..lb. .17 - —
  - l.c.l., same basis.....lb. .18 - —
  - 83/251, bgs., c.l., same basis..lb. .18 - —
  - l.c.l., same basis.....lb. .19 - —
  - 92/283, bgs., c.l., same basis..lb. .19 - —
  - l.c.l., same basis.....lb. .20 - —
  - 102/315, bgs., c.l., same basis lb. .19½- —
  - l.c.l., same basis.....lb. .20½- —
  - 113/347, bgs., c.l., same basis lb. .20½- —
  - l.c.l., same basis.....lb. .21½- —
  - 125/379, bgs., c.l., same basis lb. .21½- —
  - l.c.l., same basis.....lb. .22½- —
- Glue prices for barrel packing, ½c. lb. higher; grinding charge, 20-40 mesh, ½c. lb.; 60 mesh, 1c. lb.
- Glycerin, C. P., cns., l.c.l.....lb. .22½- .23½
  - dms., extra, c.l. .....lb. .21½- —
  - l.c.l. .....lb. .22 - .23
  - dynamite, dms., extra, c.l.....lb. .21½- —
  - l.c.l. .....lb. .22 - .23
- saponification, basis 88%, dms. returnable, dlvd..lb. .17½- .18½
- soapiye, basis 80%, dms. returnable, dlvd..lb. .16 - .17
- yellow, distilled, dms. extra, c.l. lb. .21¾- —
  - l.c.l. .....lb. .21¾- .22⅝
- Glycol boriborate, dms.....lb. .22 - —
- Phthalate, dms.....lb. .29 - —
- Stearate, dms.....lb. .23 - —

- Gold, U.S. purchase price.....oz.35.00 - —
  - Chloride, acid, brown, bots..oz.21.75 -22.00
  - yellow, bots.....oz.19.75 -20.00
- Gold-soda chloride, photo., bots. oz.13.00 - —
  - USP IX, bots.....oz.14.50 -14.75
- Gold of pleasure seeds, bgs....lb. No stocks.
- Golden seal root, bls.....lb. 2.85 - 2.90
  - powd., bxs.....lb. 3.10 - 3.15
- Grains of paradise, bgs.....lb. .09 - .10
- Graphite, flake (cryst.), 90% 325 mesh, 50% graphitic carbon, bgs., c.l., works..lb. .06 - —
  - bbls., c.l., works.....lb. .06¼- —
  - l.c.l., works.....lb. .06½- —
  - powd., 90% 325 mesh, 65% graphitic carbon, bgs., c.l., works..lb. .02½- —
  - bbls., c.l., works.....lb. .02⅝- —
  - l.c.l., works.....lb. .03¼- —
  - 80% graphitic carbon, bgs., c.l., works..lb. .03½- —
  - bbls., c.l., works.....lb. .03¾- —
  - l.c.l., works.....lb. .04½- —
- Grease, house, trcs.....lb. .06⅝- .06¾
  - white, trcs.....lb. .07 - .08½
  - yellow, trcs.....lb. .06⅝- .06¾
- Wool (see Adeps lanae and Degras)
- Green, chrome, C.P., dark, light, medium, blue content up to 5% bbls., dlvd. N of Tenn. and N. C. E. of Miss. river, including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis..lb. .30 - —
  - 6-10%, bbls., same basis..lb. .31 - —
  - 11-15%, bbls., same basis..lb. .32 - —
  - 16-20%, bbls., same basis..lb. .32½- —
  - 21-25%, bbls., same basis..lb. .33 - —
  - 26-30%, bbls., same basis..lb. .33½- —
  - 31-35%, bbls., same basis..lb. .34½- —
  - 36-40%, bbls., same basis..lb. .36 - —
  - 41-45%, bbls., same basis..lb. .37½- —
  - 46-50%, bbls., same basis..lb. .39 - —
  - over 50%, bbls., same basis lb. .80 - —

Chrome and chrome oxide greens prices are ¼c. higher dlvd. Ala., Fla., Ga., La (Shreveport, 1¼c.), Miss., N. C., S. C. Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c higher dlvd. Pac. coast; 1¼c. higher dlvd Texas (El Paso, 2c.); for Denver, Pueblo Salt Lake City, Wichita, prices are f.o.b. Chicago.

reduced, C.P. color content up
- to 5%, bbls., same basis..lb. .05⅝- —
- 6-10%, bbls., same basis..lb. .06½- —
- 11-13%, bbls., same basis..lb. .07 - —
- 14-16%, bbls., same basis..lb. .07¼- —
- 17-19%, bbls., same basis..lb. .07½- —
- 20-21%, bbls., same basis..lb. .07¾- —
- 22-23%, bbls., same basis..lb. .08 - —
- 24-25%, bbls., same basis..lb. .08¼- —
- 26-27%, bbls., same basis..lb. .08½- —
- 28-29%, bbls., same basis..lb. .09 - —
- 30-31%, bbls., same basis..lb. .09¼- —
- 32-33%, bbls., same basis..lb. .11 - —
- 34-35%, bbls., same basis..lb. .12 - —
- 36-40%, bbls., same basis..lb. .14 - —
- 41-45%, bbls., same basis..lb. .16 - —
- 46-50%, bbls., same basis..lb. .16½- —
- 51-55%, bbls., same basis..lb. .17 - —
- 56-60%, bbls., same basis..lb. .17½- —
- 61-65%, bbls., same basis..lb. .18 - —
- 66-70%, bbls., same basis..lb. .19 - —
- 71-75%, bbls., same basis..lb. .20 - —

chrome oxide, dom., pure, bbls., contract for open order, c.l., same basis as chrome CP.....lb. .18½- —
- l.c.l. same basis.....lb. .19½- .21¼

ceramic, light shades bbls c.l., works..lb. .28 - —
- l.c.l., works.....lb. .30 - —

standard grade, bbls., works..lb. .18 - .20

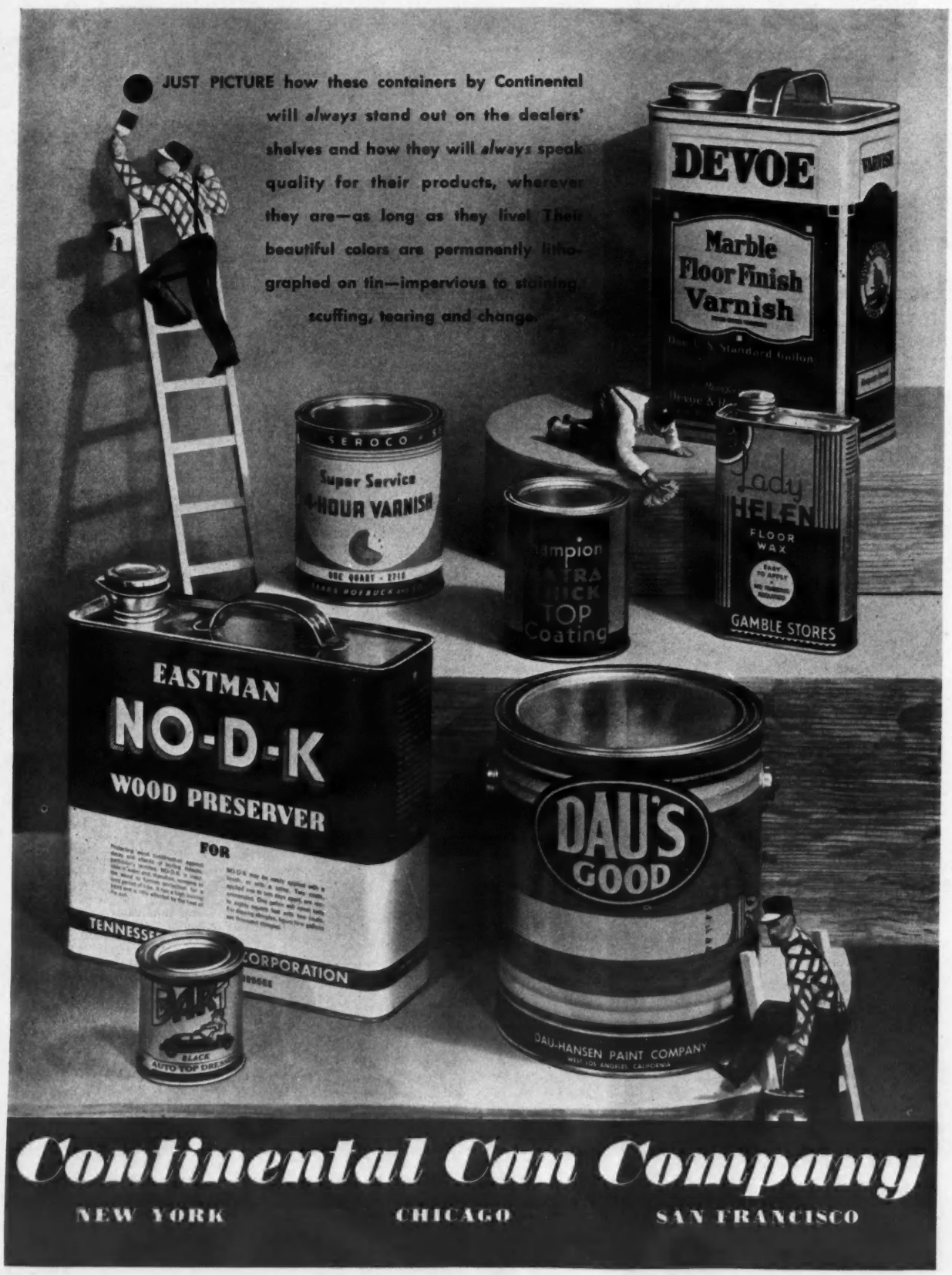
import, bbls., kgs., f.o.b. N.Y..lb. .21 Nom.

Paris (see P)
Verdigris (see V)
Green dyes are listed under Dyes.

- Grindelia robusta, bls.....lb. .08½- .10
- Guaiac resin, cs.....lb. .35 - .40
  - strained, cs.....lb. .90 - 1.00
  - Wood, bls.....lb. .04 - .05
- Guaiacol, liq., djns.....lb. 1.65 - 1.92
  - Carbonate, bxs., kgs.....lb. 2.15 - 2.40
- Guarana, powd., cs.....lb. .65 - .70
- Gum, aloe (see A)
  - Ammoniac, tears, cs.....lb. .90 - .95
  - Arabic, amber sorts, cleaned bgs..lb. .09¾- .10
  - white, sorts, 1, bgs.....lb. .27 - .28
  - 2, bgs.....lb. .25 - .26
  - powd., bbls.....lb. .13 - .14
- Asafetida (see A)
- Asphaltum (see A)
- Benzoin, Siam, cs.....lb. 1.05 - 1.55
  - Sumatra, cs. .....lb. .16 - .17
- Camphor (see C)
- Chicle, bgs.....lb. .35 - .40
- Copal, Congo 1, water white, transparent, bgs., c.l., ex dock or ex whse., N.Y. or San Fran....lb. .42½- —

Copal, dammar, elemi, kauri, mastic, sandarac, and yacca gums prices c.l. (30,000 lbs. min.) apply to assorted lots of gums as well as one grading; l.c.l. prices are ¼c. higher for 10 bgs. or over; ½c. higher for 1-9 bgs.

- 2, cloudy white, bgs., c.l. same basis..lb. .26 - —
- 3, selected pale straw bold, bgs., c.l. same basis..lb. .18½- —
- 4, pale bold straw, bgs., c.l., same basis..lb. .16½- —
- 5, pale straw bold, bgs., c.l., same basis..lb. .13½- —
- 6, pale amber bold, bgs., c.l., same basis..lb. .12½- —
- 7, pale straw bold, bgs., c.l., same basis..lb. .13¾- —
- 8, light amber bold, bgs., c.l., same basis..lb. .10½- —
- 9, medium light amber bold, bgs., c.l., same basis..lb. .07¾- —
- 10, rescraped hard amber bold, bgs., c.l., same basis lb. .09½- —
- 11, hard dark amber bold, bgs., c.l., same basis..lb. .06⅞- —
- 12, selected bold sorts, bgs., c.l., same basis..lb. .05⅞- —
- 13, dark sorts bold, bgs., c.l., same basis..lb. .05¼- —
- 14, selected, fully scraped ivory, bgs., c.l., same basis..lb. .17½- —
- 15, ordinary ivory sorts, bgs., c.l., same basis..lb. .06¼- —
- 16, inferior ivory sorts, bgs., c.l., same basis..lb. .05¼- —
- 17, pale fingers, bgs., c.l., same basis..lb. .15⅝- —
- 18, pale straw nubs, bgs., c.l., same basis..lb. .11 - —
- 19, pale straw nubs, bgs., c.l., same basis..lb. .10 - —
- 20, hard dark amber nubs, bgs., c.l., same basis..lb. .06⅞- —
- 21, ordinary selected nubs, c.l., same basis..lb. .06 - —
- 22, small mixed nubs, bgs., c.l., same basis..lb. .05½- —
- 23, dark mixed nubs, bgs., c.l., same basis..lb. .05⅜- —


JUST PICTURE how these containers by Continental will always stand out on the dealers' shelves and how they will always speak quality for their products, wherever they are—as long as they live! Their beautiful colors are permanently lithographed on tin—impervious to staining, scuffing, tearing and change.
DEVOE
Marble Floor Finish Varnish
Lady HELEN FLOOR WAX
GAMBLE STORES
SEROCO
Super Service 4-HOUR VARNISH
EASTMAN
NO-D-K
WOOD PRESERVER
FOR
DAU'S GOOD
DAU-HANSEN PAINT COMPANY
Continental Can Company
NEW YORK
CHICAGO
SAN FRANCISCO

Gum, copal, Congo, 24, No. 1, ivory nubs, bgs., c.l., same basis..lb. .12¼- —
25, No. 2 natural ivory nubs, bgs., c.l., same basis..lb. .05½- —
26, pale bold chips, bgs., c.l., same basis..lb. .05¾- —
27, pale small chips, bgs., c.l., same basis..lb. .05½- —
28, pale dust, bgs., c.l., bgs., same basis..lb. .04¼- —
East India, Batu, bold scraped, bgs., c.l., same basis....lb. .06 - —
unscraped, bgs.,c.l., same basis..lb. .04 -
chips, bgs., c.l., same basis lb. .04½- —
dust,bgs.,c.l.,same basis.lb. .03½- —
nubs and chips, bgs., c.l., same basis..lb. .03½ -
black, bold, scraped, bgs., c.l., same basis..lb. .06½- —
unscraped, bgs., c.l., same basis..lb. .04 - —
nubs and chips, bgs., c.l., same basis..lb. .04½- —
Hiroe Macassar, pale, bold bgs, c.l., same basis.lb. .12½- —
chips, bgs., c.l., same basis..lb. .06½-
dust, bgs.,c.l.,same basis lb. .03½-
nubs, bgs., c.l., same basis..lb. .10½- —
Singapore Rasak, bold, bgs., c.l., same basis..lb. .15½- —
chips, bgs., c.l., same basis lb. .04½- —
dust,bgs.,c.l.,same basis.lb. .03½-
nubs,bgs.,c.l.,same basis.lb. .10 - —
Manila, Boeas, amber and dark, bakts., c.l., same basis..lb. .14 - —
light, bakts., c.l., same basis..lb. .13½- —
Loba A, bakts., c.l., same basis..lb. .09½- —
B,bakts.,c.l.,same basis.lb. .08¾- —
C,bakts.,c.l.,same basis.lb. .08¾- —
CNE, bakts., c.l., same basis..lb. .07½- —
D,bakts.,c.l., same basis.lb. .08 - —
DK, bakts., c.l., same basis lb. .06¾- —
DU, bakts., c.l., same basis lb. .03½-
dust,bakts.,c.l.,same basis lb. .05 - —
Sambas and white split chips, bakts., c.l., same basis..lb. .12¼- —
Singapore, dust, bakts., c.l., same basis..lb. .05 - —
spirit-soluble, CBB, bakts., c.l., same basis..lb. .08 - —
DBB,bakts., c.l.,same basis lb. .07½- —
MA,bakts., c.l.,same basis. lb. .06¾- —
MB,bakts.,c.l.,same basis.. lb. .06¼- —
WS,bakts., c.l.,same basis. lb. .08¼- —
Philippine Manila amber sorts, bakts., c.l., same basis..lb. .07½- —
chips, pale, bakts., c.l., same basis..lb. .08½- —
small, bakts., c.l., same basis..lb. .07½- —
extra pale sorts, bakts., c.l., same basis..lb. .09½- —
nubs,bakts.,c.l.,same basis.. lb. .10¾- —
pale, scraped, bakts., c.l., same basis..lb. .11¾- —
seeds and dust, bakts., c.l., same basis..lb. .05¾- —
Pontianak, bold, genuine, bgs., c.l., same basis..lb. .13¾- —
mixed, bgs.,c.l.,same basis lb. .13¼- —
chips,bgs.,c.l.,same basis..lb. .07¾- —
nubs,bgs.,c.l.,same basis..lb. .10¾- —
split,bgs..c.l.,same basis..lb. .11½- —
Dammar, Batavia A, cs., c.l., same basis as copal..lb. .21¾- —
A/D, cs., c.l., same basis.lb. .16¾- —
A/E, cs., c.l., same basis.lb. .12¾- —
B, cs., c.l., same basis...lb. .20¾- —
C, cs., c.l., same basis...lb. .16¾- —
D, cs., c.l., same basis..lb. .13¾- —
dust, cs., c.l., same basis.lb. .05¾- —
E, cs., c.l., same basis...lb. .06¾- —
F, cs., c.l., same basis...lb. .05¾- —
Singapore, 1, cs, c.l., same basis..lb. .16¼- —
2, cs, c.l., same basis...lb. .13 - —
3, cs., c.l., same basis...lb. .05¼- —
chips, cs..c.l., same basis.lb. .09¾- —
dust, cs., c.l., same basis.lb. .04¾- —
seeds, cs., c.l., same basis.lb. .07¾- —
Elemi, cns., c.l., same basis as copal..lb. .09¾- —
Ester, dms., 76,000 lbs., 1936 dlvd..lb. .08¼- —
c.l., single shipment, dlvd. lb. .08¼- —
l.c.l., 3,000 lbs., single shipment, dlvd..lb. .08½- —
smaller lots, dlvd.....lb. .08¾- —
Euphorbium, cs. .....lb. .17 - .19
Galbanum, cs.....lb. .95 - 1.00
Gamboge, pipe, cs.....lb. .58 - .59
powd., bbls. .....lb. .63 - .66
Ghatti, soluble, bgs.....lb. .11 - .15
superior bgs. .....lb. .09 - .11
Guaiac (see Guaiac resin).
Karaye XXX, bbls., bxs., dms. lb. .24 - .25
XX, bbls., bxs., dms.....lb. .16 - .17
1, bbls., bxs., dms.....lb. .09½- .10
2, bbls., bxs., dms.....lb. .08½- .09
Kauri brown, XXX, cs., c.l., same basis as copal..lb. .60 - —
BX, cs., c.l., same basis..lb. .33 - —
B1, cs., c.l., same basis..lb. .21 - —
B2, cs., c.l., same basis..lb. .15½- —
B3, cs., c.l., same basis..lb. .12 - —
80% chips, cs., c.l., same basis..lb. .09½- —
pale, XXX, cs., c.l., same basis..lb. .05 - —
1, cs., c.l., same basis..lb. .40 - —
2, c.s., c.l., same basis..lb. .22 - —
3, c.s., c.l., same basis..lb. .15 - —
Kino, tins .....lb. .70 - .80
Mastic, c.s., c.l., same basis as copal..lb. .57 - .58
Myrrh, USP, cs.....lb. .35 - .40
Olibanum, siftings, cs.....lb. .07 - .08
tears, cs. .....lb. .12 - .28
Opium (see O)
Rosin (see R)
Sandarac, cks, c.l., same basis as-copal..lb. .35 - .38
Scammony, cs.....lb. 1.10 - 1.15
Senegal, picked, bgs.....lb. .20 - .21
sorts, bgs. .....lb. .09¾- .10¼
Talha, bgs. .....lb. .05 - .06
Thus, bbls. .....280 lbs.11.50 Nom.
strained, bbls. .....280 lbs.11.50 Nom.
Tragacanth, Aleppo, 1, cs....lb. 1.75 - 1.80
2, cs.....lb. 1.65 - 1.70
3, cs.....lb. 1.50 - 1.55
4, cs.....lb. 1.40 - 1.45
5, cs.....lb. 1.30 - 1.35
6, bgs.....lb. .30 - .31
Yacca, bgs., c.l., same basis as copal..lb. .03¼- —
powd., bgs., c.l., same basis.lb. .04½- —

Gypsum, Keene's cement, paper bgs., c.l., f.o.b. Acme, Tex., frt. equald..ton.21.15 - —
Medicine Lodge, Kans., frt. equald..ton.17.00 - —
New Brighton, N. Y., frt. equald..ton.27.15 - —
Southard, Okla., frt. equald..ton.17.00 - —
Sweetwater, Tex., frt. equald..ton.21.15 - —
plaster of paris, paper bgs., c.l., f.o.b. Acme, Tex., frt. equaled..ton.12.50 - —
Blue Rapids, Kans., frt. equald..ton.12.50 - —
New Brighton, N. Y., frt. equald..ton.15.70 - —
Southard, Okla., frt. equald..ton.12.50 - —
Sweetwater, Tex., frt. equald..ton.12.50 - —
f.o.b. Acme, Tex.; Blue Rapids, Kans., Fort Dodge, Ia.; Grand Rapids Mich.; Gypsum, O.; New Brighton, N.Y.; Oakfield, N. Y.; Plasterco, Va.; Southard, Okla.; Sweetwater, Tex., frt. equald. ton. 8.00 - —
Terra alba, dom., paper bgs., c.l., f.o.b. New Brighton, N. Y., Southard, Okla., frt. equald..ton.12.00 - —
import., bgs., ex dock....ton.27.50 - —

H

Heliotropin, cryst., cns.....lb. 2.00 - 2.30
Hellebore, white, root, powd., bbls.lb. .10½- .11
Helonias root, bls.....lb. .37 - .38
Hematine crystals, bbls.....lb. .16 - .24
Hemlock extract, 25% tan., bbls.lb. .03½- —
tanks .....lb. .02¾- —
Hempseed, Manchur, bgs.....lb. .03¾- .04¼
Henbane leaves, bls.....lb. .21 - .22
Henna leaves, bls.....lb. .07 - .08
powd., bbls., bxs.....lb. .09 - .10
Heptane, mixed, 77-115°C., dms., c.l., Group 3...al. .12 - —
l.c.l., Group 3.....gal. .16 - —
tanks, Group 3.....gal. .09½- —
normal, 86-100°C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
Hexalin, dms. .....lb. .30 - —
Hexane, normal, 60-70° C., dms., c.l., Group 3..gal. .13 - —
l.c.l., Group 3.....gal. .17 - —
tanks, Group 3.....gal. .10½- —
laboratory grade, dms., c.l., Group 3..gal. .16 - —
l.c.l., Group 3.....gal. .25 - —
Hexamethylenetetramine, tech., dms..lb. .35 - .37
USP, dms., 1,000 lbs.....lb. .45 - .47
Hexyl acetate, dms., c.l., f.o.b. dest..lb. .125 - —
l.c.l., f.o.b. dest.....lb. .13 - —
tanks, f.o.b. dest.....lb. .115 - —
Homatropine hydrobromide, bots., vls..oz.13.00 -13.50
Hoofmeal, 17-18% ammon., bulk, f.o.b. Chicago, unit-ton. 2.75 - 2.80
Hops, dom., 1935 crop, bls....lb. .35 - .40
import., 1935 crop, bls.....lb. .65 - .85
Horehound, bls. .....lb. .06½- .07
Hydrangea root, bls.....lb. .08 - .09
Hydrastine, vls.....oz.17.00 -17.25
Hydrochloride, vls.....oz.17.00 -17.25
Sulphate, vls.....oz.19.00 -19.25
Hydrastis (see Golden seal).
Hydrogen, peroxide, USP, bbls.lb. .03¾- .04
100 vols., cbys., E.of Miss.R.lb. .20 - —
W. of Miss. R.....lb. .21 - —
Hydroquinone, bbls., kgs.....lb. 1.10 - 1.15
Hyoscine hydrobromide, vls...oz.18.00 -18.25
Hyoscyamine, vls. .....oz.15.00 - —
Hydrobromide, vls. .....oz.15.00 - —
Sulphate, vls. .....oz.15.00 - —
Hypernic, liq., 51°, bbls.....lb. .15 - .20
solid, bxs. .....lb. .17 - .20

I

Iceland moss, bls. .....lb. .13 - 13
Ichthyol, bots.....lb. 4.00 - 4.25
Indian red (see Red, Indian).
Indigo, nat., Bengal, bbls.....lb. 2.40 - —
synth., liq., bbls.....lb. .13 - .14
powd., bbls.....lb. 1.00 - —
Indol, CP, bots.....lb.34.00 -36.00
Insect flowers (see Pyrethrum).
Iodine, crude, kgs.....lb. .90 - .
resubl., kgs.....lb. 1.50 - 1.55
tincture, bbls.....gal. 1.90 - —
Iodoform, kgs., 100 lbs.....lb. 3.75 - 3.80
Ionone, bots.....lb. 2.25 - 4.00
Ipecac root, bgs.....lb. .80 - .81
powd., bxs.....lb. .87 - .90
Irish moss, ordinary, bls.....lb. .11 - .13
powd., 80-90 mesh, bbls...lb. .22 - .25
prime, bleached, bls.....lb. .18 - .19
Iron acetate, CP, 17% solut.,bbls. lb. .03 - .04
Chloride, tech., cryst., bbls., kgs..lb. .05 - .06
USP, cryst., bbls.....lb. .07½- .08
solut., cbys.....lb. .06¼- .06¾
Citrate, USP VIII, pearls, cns., lb. .72 - —
powd., cns.....lb. .84 - —
scales, cns.....lb. .77 - —
Hypophosphite, cns.....lb. 1.55 - 1.60
Iodide, bots.....lb. 2.85 - 2.90
syrup, djns.....lb. .87 - .88
Nitrate, coml., kgs.....lb. .02¾- .03
Oxalate, powd., kgs.....lb. .47 - .50
scales, cns.....lb. .83 - .85
Oxide (see Black, Red, etc.).
Phosphate, ferric, pearls,cns.lb. .54 - —
scales, cns.....lb. .59 - —
Ferrous, cns.....lb. .35 - —
Pyrophosphate, pearls, cns...lb. .50 - —
scales, cns.....lb. .64 - —
Reduced, 90%, cs.....lb. .60 - .65
Sulphate, tech. (see Copperas).
USP, cryst., bbls.....lb. .04¼- .04¾
Iron-ammonia citrate, brown, gran., cns..lb. .37 - .38
pearls, cns.....lb. .37 - .38
scales, cns.....lb. .47 - .48
green, gran., cns.....lb. .37 - .38
pearls, cns.....lb. .37 - .38
scales, cns.....lb. .47 - .48
Oxalate, cryst., bbls., kgs...lb. .24½- .25½
Iron-potash oxalate, cryst., bbls., kgs..lb. .42 - .45
Iron-soda oxalate, cryst., bbls., kgs..lb. .24½- .25½
Isobutyl carbinol (see Carbinol).
Isopentane, dms., works.....lb. .48 - —
small lots, works.....lb. .58 - —
Isopropanol, see Alcohol, isopropyl.
Isopropyl acetate, dms., cl., frt. allid..lb. .07½- —
l.c.l., frt. allid.....lb. .08 - —
tanks, frt. allid.....lb. .06½- —
Alcohol (see Alcohol).
Ether, dms., c.l.....lb. .07 - —
l.c.l. .....lb. .08 - —
tanks .....lb. .06 - —

J

Jaborandi leaves, bls.....lb. .10 - .11
Jalap root, NF, bls.....lb. .15 - .22
powd., bbls, bxs.....lb. .20 - .22
Juniper berries, bgs.....lb. .04¾- .05¼

K

Kamala, tins.....lb. .40 - .41
Kava kava root, bls.....lb. .14 - .16
Kerosene, at refinery:—
Bayonne,41-43 w.w.,tanks,gal. .04¾- —
Gulf ports,p.w.,bulk,export,gal. .06¾- —
w.w., bulk, export.....gal. .04½- .04¾
Louisiana - Arkansas, 41-43 w.w., bulk..gal. .03¾- —
Oklahoma-Texas, 41-43 w.w tanks..gal. .03¼- .03¾
42-44 w.w., tanks.....gal. .03½- .03¾
Pennsylvania, 45 w.w., tanks gal. .04¾- .04¾
46 w.w., tanks.....gal. .04¾- .05
47 w.w., tanks.....gal. .05 - .05½
Kerosene, tankwagon:—
Atlanta .....gal. .135 -
Boston .....gal. .066 - —
Chicago .....gal. .098 -
Cincinnati .....gal. .125 - —
Denver .....gal. .11 - —
Louisville .....gal. .10 - —
Minneapolis .....gal. .093 - —
New Orleans.....gal. .13 - —
New York .....gal. .07½- —
San Francisco.....gal. .115 - —
Kerosene distillate (see Oil, furnace).
Kieserite, calc., 95-98% $MgSO_4$, bgs., c.l., ex vessel Atlantic, Gulf ports, duty pd..ton. No prices
Kola nuts, bgs.....lb. .06 - .06½

L

Lady slipper root, bls.....lb. .35 - .36
Lanolin (see Adeps lanae).
Lard, city, tubs.....100 lbs.11.75 -12.00
Middlewestern, trcs....100 lbs.11.75 -11.85
Western, choice, trcs..100 lbs.11.85 -11.95
Compound, trcs.....100 lbs.12.00 -12.25
Neutral, trcs.....100 lbs.12.75 -13.00
Larkspur seed, bgs.....lb. .25 - .26
Laurel berries, bls. .....lb. .09 - 10
Leaves, Ital., bls.....lb. .04¾- .05
Lavender flowers, ordinary, bls.lb. .40 - .42
select, bls. .....lb. .63 - .80
Lead acetate, brown, broken, bbls.lb. .09½- —
white, broken, bbls.....lb. .11 - —
cryst., bbls.....lb. .10½- —
gran., bbls.....lb. .11 - —
powd., bbls.....lb. .11¼- —
Arsenate, dms., c.l., dealers, E. of Rockies..lb. .09¼- —
jobbers, E. of Rockies..lb. .09 - —
W. of Rockies.....lb. .09 - —
l.c.l., consumers, W. of Rockies..lb. .10¾- —
dealers, E of Rockies, 1,000 lbs. or over..lb. .09¾- —
101-999 lbs.....lb. .10¾- —
100 lbs. or less.....lb. .11¾- —
W. of Rockies.....lb. .09¾- —
jobbers, E. of Rockies..lb. .09¾- —
Lead arsenate prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck allowance for works or whse. pick-ups.
Blue, basic sulphate, bbls., c.l., dlvd., E..lb. .06 - —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
l.c.l., dlvd. E.....lb. .06¾- —
dlvd. Ariz., Cal., Col., Idaho, Mont., Nev., N. M., Ore., Utah, Wash., Wyo. .....lb. .06½- —
Carbonate (see Lead, white).
Chloride, pure, bxs.....lb. .49 - .50
Iodide, jars.....lb. 2.35 - 2.40
Linoleate, pale, precip., dms.lb. .18 - —
Metal (see daily quotations in market report)
Nitrate, bbls.....lb. .09 - .09½
Oleate, bbls.....lb. .15 - —
Peroxide, cns., works.....lb. .46 - .47
Red, dry, 95% or less Pb_3O_4, bbls., c.l. (20 tons), dlvd., Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo., and E. of Cascade Mts. in Ore. and Wash..lb. .0775- —
other points.....lb. .0750- —
l.c.l., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash., lb. .08¼- —
dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.lb. .08¾- —
Colo., Mont., N. Mex., Wyo.....lb. .08½- —
other points.....lb. .08 - —
smaller lots, dlvd. Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
97% Pb_3O_4, bbls., c.l. (20 tons) dlvd. Ala., etc..lb. .08 - —
other points.....lb. .0775- —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08½- —
Ariz., etc.....lb. .09 - —
Colo., etc.....lb. .08¾- —
other points.....lb. .08¼- —
smaller lots, dlvd. Ala., etc..lb. .09 - —
Ariz., etc.....lb. .09½- —
Colo., etc.....lb. .09¼- —
other points.....lb. .08¾- —
98% Pb_3O_4, bbls., c.l. (20 tons), dlvd. Ala., etc..lb. .0825- —
other points.....lb. .08 - —
l.c.l., 5 tons, dlvd. Ala., etc..lb. .08¾- —
Ariz., etc.....lb. .09¼- —
Colo., etc.....lb. .09 - —
other points.....lb. .08½- —
smaller lots, dlvd. Ala., etc..lb. .09½- —
Ariz., etc.....lb. .09¾- —
Colo., etc.....lb. .09½- —
other points.....lb. .09 - —

Gum, Copal—Linden Flowers

Lead, red, in oil, steel kegs, 1,000 lbs..lb. .10½- —
500 lbs.....lb. .11 - —
smaller lots.....lb. .12 - —
Resinate, fused, bbls.....lb. .09 - .14
precip., bbls.....lb. .14 - —
Stearate, bbls.....lb. .22 - .23
Titanate, (see white)
bbls., c.l., f.o.b. works, frt. alld..lb. .10 - —
l.c.l., 5 tons, one delvy, dlvd. lb. .10¼- —
smaller lots.....lb. .10½- —
White, dry, basic carbonate, bbls., c.l., dlvd. Ariz., Cal., Colo., Idaho, Mont., Nev., N. Mex., Ore., Utah, Wash. and Wyo..lb. .06¾- —
other points.....lb. .06½- —
l.c.l. dlvd. Ariz., etc..lb. .07 - —
other points.....lb. .06¾- —
Basic sulphate, bbls., c.l., dlvd. Ariz., etc..lb. .06¼- —
other points.....lb. .06 - —
l.c.l. dlvd. Ariz., etc.lb .06¼- —
other points.....lb. .06¼- —
in oil, 100-lb. kgs., 1,000 lbs., dlvd..lb. .10 - —
500 lbs., dlvd.....lb. .10¼- —
smaller lots, dlvd.....lb. .11¼- —
Lemon peel, bls.....lb. .09 - .10
Licorice extract, mass, cs.....lb. .17 - .18
powd., bbls.....lb. .27 - .30
Root, bls.....lb. .04½- .05
powd., bbls., bxs.....lb. .07 - .08
select, bndls., cs.....lb. .30 - .32
Lime, chemical (quicklime), lump or pebble, bulk, f.o.b. Bellefronte, Pa....ton. 7.00 - —
Berkeley, W. Va....ton. 7.00 - —
California, northern..ton.12.25 - —
southern .....ton.11.25 - —
Cedar Hollow, Pa....ton. 8.00 - —
Chicago .....ton. 7.25 - —
Crab Orchard, Tenn.ton. 6.25 - —
Dallas, Texas .....ton. 8.50 - —
Durbin, Ohio.....ton. 6.50 - —
Eagle Mountain, Va.ton. 6.25 - —
Easton, La.....ton. 7.00 - —
Farnams, Mass.....ton. 7.50 - —
Gibsonburg, Ohio....ton. 7.00 - —
Hannibal, Mo.....ton. 6.50 - —
Keystone, Ala.....ton. 7.00 - —
Knoxville, Tenn.....ton. 6.25 - —
Limedale, Ala.....ton. 7.00 - —
Marblehead, Ohio....ton. 7.00 - —
Martinsburg, W. Va....ton. 7.00 - —
Meyersdale, Pa.....ton. 7.00 - —
Menominee, Mich. ..ton. 7.50 - —
Mitchell, Ind.....ton. 6.50 - —
Newala, Ala.....ton. 6.25 - —
Petosky, Mich.....ton. 8.00 - —
Port Island, Mich...ton. 7.50 - —
Ripplemead, Va.....ton. 6.25 - —
Riverton, Va.....ton. 6.25 - —
Scioto, Ohio.....ton. 6.00 - —
Sheboygan, Wis.....ton. 7.00 - —
Sherwood, Wis.....ton. 7.50 - —
Springfield, Mo.....ton. 7.00 - —
Woodville, Ohio.....ton. 7.00 - —
hydrated, paper bags, f.o.b. Bellefonte, Pa...ton. 8.50 - —
Berkeley, W. Va....ton. 8.50 - —
Buffalo .....ton.11.00 - —
California, northern.ton.14.75 - —
southern .....ton.12.75 - —
Cedar Hallow, Pa....ton. 8.50 - —
Chicago .....ton. 9.50 - —
Crab Orchard, Tenn.ton. 9.00 - —
Dallas, Tex.....ton.12.00 - —
Durbin, Ohio.....ton. 8.00 - —
Eagle Mountain, Va.ton. 8.50 - —
Easton, La.....ton. 9.00 - —
Farnams, Mass.....ton. 9.00 - —
Gibsonburg, Ohio....ton. 8.50 - —
Hannibal, Mo.....ton. 8.50 - —
Keystone, Ala.....ton. 9.00 - —
Knoxville, Tenn.....ton. 9.00 - —
Limedale, Ark.....ton. 9.00 - —
Longview, Ala.....ton. 9.00 - —
Louisville, Ky.....ton.14.50 - —
Marble Cliff, Ohio....ton. 8.00 - —
Marblehead, Ohio....ton. 9.00 - —
Martinsburg, W. Va.ton. 8.50 - —
Militown, Ind.....ton.12.50 - —
Mitchell, Ind.....ton. 9.00 - —
Newala, Ala.....ton. 9.00 - —
Pelham, Ala.....ton. 9.00 - —
Petosky, Mich.....ton. 9.00 - —
Port Island, Mich...ton. 9.00 - —
Rapid City, S. D....ton.12.00 - —
Ripplemead, Va.....ton. 8.00 - —
Riverton, Va.....ton. 9.00 - —
Scioto, Ohio.....ton. 8.00 - —
Sherwood, Wis.....ton. 9.00 - —
Springfield, Mo.....ton. 9.00 - —
Woodville, Ohio.....ton.11.00 - —
Salts (see Calcium)
Lime-sulphur, dry, bgs.,consumer, dlvd. Ore..lb. .06¼- .06¾
Idaho, Utah, and W. Mont..lb. .07¼- .07¾
Wash. (excepting Ferry, Lincoln, Pend-Oreille, Spokane, Stevens, and Whiteman counties)..lb. .06¼- .06¾
dealers,dlvd.E. of Rockies, except Fla..lb. .07¾- .08¼
Ore. .....lb. .06¾- —
Idaho, etc.....lb. .06¾- —
Wash. (as above)...lb. .06 - —
jobbers, dlvd. E. of Rockies, except Fla..lb. .07¼- .08½
Ore. .....lb. .06¾- —
Idaho, etc.....lb. .06¾- —
Wash. (as above)...lb .06¾- —
dms., dealers, dlvd. E. of Rockies, except Fla..lb. .11 - .12
Fla. .....100 lbs 1.80 - —
jobbers,dlvd.E. of Rockies, except Fla..lb. .10¾- —
solution, dms., dealers, dlvd. Del., Ill., Ind., Ia., Ky., Md., Mich., Minn., Mo., N.E. States, N. J., N. Y., N. C. (Alleghany, Ashe, Rockingham, Stopes and Surry counties), Ohio, Pa., Tenn. (W. of Tenn. R.), Va., W. Va., Wis..gal. .13 - .16
jobbers, same basis...gal. .12½- .15
tanks, 4,000 gals. min., dealers, dlvd. Del., etc..gal. .11 - —
jobbers, same basis...gal .10½- —
Linalool, cns.....lb. 1.90 - 2.10
Linalyl acetate, bots.....lb. 1.90 - 2.25
Linden flowers, with leaves, bls.lb. .15 - .16
without leaves, bls.....lb. .17 - .18

Linseed Cake—Methanol

Linseed cake, bgs., export	ton.	29.00	—
Meal, 32%, dom., bgs.	ton.	39.50	—
Litharge, com'l, powd., bbls., 20-tons dlvd. Ala., Ariz., Ark., Colo., Fla., Ga., Idaho, La., Miss., Mont., Nev., N. Mex., Okla., Tex., Utah, Wyo. and E. of Cascade Mts. in Ore. and Wash.	lb.	.0675	—
other points	lb.	.0650	—
5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex. and W. of Cascade Mts. in Ore. and Wash.	lb.	.07¼	—
Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.07¾	—
Colo., Mont., N. Mex. Wyo.	lb.	.07½	—
other points	lb.	.07	—
smaller lots, dlvd. Ala. etc.	lb.	.07¾	—
Ariz., etc.	lb.	.08¼	—
Colo., etc.	lb.	.08	—
other points	lb.	.07½	—
Lithium bromide, jars	lb.	1.70	- 1.80
Carbonate, bbls.	lb.	1.25	- 1.35
Chloride, bbls.	lb.	1.65	- 2.00
Citrate, bbls.	lb.	1.40	- 1.50
Iodide, bots., jars	lb.	4.70	- 4.75
Fluoride, bbls.	lb.	2.00	- 2.50
Lithopone, dom., high-strength, bgs. 1,000 lbs., dlvd. E. or ex whse. Pac. Cst.	lb.	.05¾	—
smaller lots, same basis	lb.	.06	—
bbls., 1,000 lbs., same basis, smaller lots, same basis	lb.	.06	—
	lb.	.06¼	—
Lithopone, dom., ordinary, bgs., 1,000 lbs., same basis	lb.	.04¼	—
smaller lots, same basis	lb.	.04½	—
bbls., 1,000 lbs., same basis	lb.	.04½	—
smaller lots, same basis	lb.	.04¾	—
titanated, bgs., 1,000 lbs., same basis	lb.	.05¾	—
smaller lots, same basis	lb.	.06	—
bbls., 1,000 lbs., same basis, lb.		.06	—
smaller lots, same basis	lb.	.06¼	—
Litmus, bbls., ex dock	lb.	No prices	
Liverwort leaves, bls.	lb.	.18	- .19
Lobelia herb, bls.	lb.	.13	- .15
Seed, bgs.	lb.	.35	- .40
Logwood extract, cryst. bbls	lb.	.16	- .20
liquid, 51°, bbls.	lb.	.06½	- .10½
solid, bxs.	lb.	.13½	- .17¼
Sticks, Haitian, shipt.	ton.	24.00	-25.00
Lovage root, dom., bls.	lb.	.55	- .65
Import, bls.	lb.	.30	- .32
Lupulin, N.F., tins	lbs.	1.50	- 1.55
Lycopodium, cs.	lb.	1.00	- 1.10

M

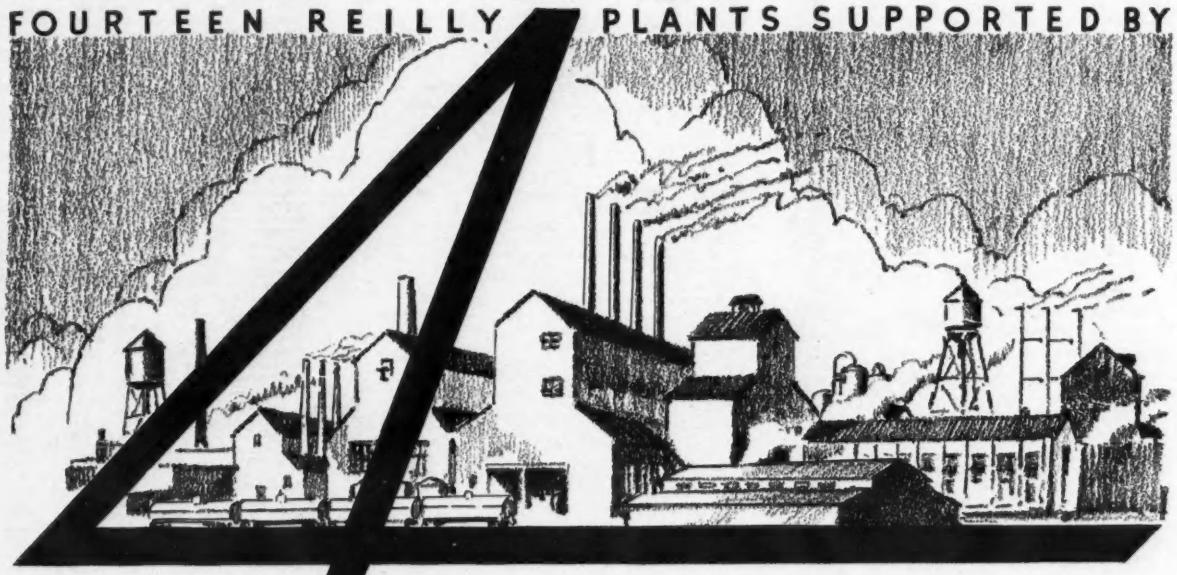
Mace, Banda, cs.	lb.	.62	- .64
Batavia, cs.	lb.	.48	- .49
Sinauw 1, cs.	lb.	.54	- .55
Madder, Dutch, bgs.	lb.	.22	- .25
Magnesia arsenate, bgs.	lb.	.18	- .20
Calcined, dom., four-hour, including activator, ctns., 10,000 lbs. or over, f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.	lb.	.27	—
1,000-10,000 lbs., same basis	lb.	.28½	—
less than 1,000 lbs., same basis	lb.	.30	—
Magnesia, calcined, dom., tech., heavy, bbls., f.o.b. Plymouth Meeting, Pa., frt. alld. to Balto., Bost., N. Y., Phila.	lb.	.28	—
1-lb. pkgs., same basis	lb.	.38	—
light, bbls., same basis	lb.	.23	—
1-lb. tins, same basis	lb.	.33	—
USP, heavy, bbls., same basis	lb.	.30	—
1-lb. pkgs., same basis	lb.	.40	—
special, bbls., same basis, lb.		.27	—
super light, bbls., same basis	lb.	.30	—
import., heavy, pharm., bbls. lb.		.50	—
light, extra, bbls.	lb.	.36	- .40
standard, bbls.	lb.	.30	—
Carbonate, tech., bgs., c.l., works	lb.	.06	- .06½
USP, bbls., c.l.	lb.	.08½	- .09
Chloride, flake, dom., bbls., works	ton.	36.00	-39.00
Hypophosphite, cns.	lb.	1.45	- 1.50
Oxide (see Calcined)			
Palmitate, bbls.	lb.	.33	Nom.
Peroxide, 15%, dms., works.	lb.	1.00	- 1.95
Silicate (see Talc)			
Silicofluoride, bbls.	lb.	.09½	- .10½
Stearate, bbls., ctns., c.l.	lb.	.21	—
1 ton	lb.	.22	—
1,000-2,000 lbs.	lb.	.23	—
smaller lots	lb.	.24	—
Sulphate (see Epsom salt)			
Magnesite, cal., import., bbls.	ton.	60.00	-65.00
dead-burned, dom., bulk, c.l., f.o.b. Chewehah, Wash.	ton.	22.00	—
Malva flowers, black, bls.	lb.	.40	- .42
Blue, bls.	lb.	.45	- .50
Leaves, bls.	lb.	.11	- .12
Manaca root, bls.	lb.	.20	- .21
Mandrake root, bls.	lb.	.09½	- .10
Manganese acetate, dms.	lb.	.25½	- .26½
Arsenate, bgs.	lb.	.12	- .12½
Borate, tech., bbls.	lb.	.15	- .16
Chloride, bbls.	lb.	.07½	- .08
Dioxide, Caucasian, 85-90%, csks., c.l., works.	ton.	51.50	—
l.c.l., 5 tons, works.	ton.	54.50	—
smaller lots, works.	ton.	59.50	—
burlap bgs., c.l., works.	ton.	49.50	—
l.c.l., 5 tons, works.	ton.	52.50	—
smaller lots, works.	ton.	57.50	—
paper bgs., c.l., works.	ton.	47.50	—
l.c.l., 5 tons, works.	ton.	50.50	—
smaller lots, works.	ton.	55.50	—
Glycerophosphate, bbls., cans., 100 lbs.	lb.	2.60	- 2.65
Hydrate, bbls., dlvd.	lb.	.80	—
Iodide, bots., jars.	lb.	5.10	- 5.15
Linoleate, liquid, 4%, dms.	lb.	.18	- .19½
solid, precip., 8.2%, bbls.	lb.	.17½	- .19
Ore, 52% basis, bbls., c.l.f. Atl. pts.	unit-ton.	.26	- .27
Resinate, fused, 3½%, bbls.	lb.	.08¼	- .08½
precip., dms.	lb.	.12	—
Sulphate, anhyd., bbls., works.	lb.	.07	- .07½
cryst., 65% $MnSO_4$, bgs., c.l., dlvd. South.	ton.	48.75	—
80-85%, bgs., c.l., works, frt. alld. to S.F.A. territory	unit-ton.	.75	—
l.c.l., 5 tons, works.	lb.	.03½	—
smaller lots, works.	lb.	.04	—
Mangrove bark, bgs., shipmt.	ton.	25.50	-26.00
Extract, 55%, bgs.	lb.	.04	—
Manna, flake, large, cs.	lb.	.45	- .48
small, cs.	lb.	.26	- .27
Mannitol, pure, cryst., cs., works	lb.	1.48	—
Marble flour, bgs.	ton.	12.00	-14.00
Marjoram, French, bbls.	lb.	.18	- .18½
Tunisan, bls.	lb.	.17½	- .18
Matico leaves, bls.	lb.	.29	- .30
Menthol, cs.	lb.	2.90	- 3.05
synthetic, cs.	lb.	2.25	- 2.50
Menthyl salicylate, tins, 100 lb. lots.	lb.	3.00	—
25 lb., lots.	lb.	3.10	—
Mercurial ointment, 30%, cns.	lb.	.82	—
50%, cns.	lb.	1.19	—
Mercury (see Quicksilver)			
Bichloride (see Corrosive sublimate)			
Bisulphate, kgs.	lb.	1.33	—
Chloride (see Calomel)			
Iodide, red, kgs., jars.	lb.	3.55	- 3.60
Yellow, kgs., jars.	lb.	3.65	- 3.70
Nitrate ointment (see Citrine ointment)			
Oxide, black, dms., kgs.	lb.	3.85	—
Red, N.F. (see Red precipitate) tech. (see Red, mercury oxide)			
Yellow, dom., tech., bbl.	lb.	1.39	—
USP, dms., kgs.	lb.	1.81	—
Mercury and chalk, kgs.	lb.	.90	- .91
Metal leaf, pkgs. of 20 books (500 leaves), aluminum, 5½x5½ in.	pkg.	1.50	- 1.75
Composition, 5¼x5½ in.	pkg.	1.65	- 1.90
Gold, XX deep, 3⅜x3⅜ in.	pkg.	14.50	-15.00
3⅜x3⅜ in.	pkg.	16.00	-16.50
4x4 in.	pkg.	18.50	-19.00
3⅜x5⅞ in.	pkg.	21.50	-22.00
3⅞x5⅞ in.	pkg.	23.50	-24.00
Silver, 3⅜x3⅜ in.	pkg.	2.50	- 2.75
Metanitroanilin, kgs.	lb.	.67	- .69
Metanitroparatoluidin, bbls.	lb.	1.40	- 1.45
Metaphenylenediamine, kgs.	lb.	.82	- .84
Metatoluylenediamine, kgs.	lb.	.67	- .69
Methanol, natural, denat. grade, dms., c.l., frt. alld.	gal.	.53	—
tanks, frt. alld.	gal.	.48	—
contracts, frt. alld.	gal.	.45	—
95%, dms., c.l., Zone 1, frt. alld.	gal.	.87½	—
2, frt. alld.	gal.	.89½	—
3, frt. alld.	gal.	.40½	—
4, frt. alld.	gal.	.42½	—
5, frt. alld.	gal.	.43½	—
l.c.l., Zone 1, frt. alld. or dlvd.	gal.	.40	—
2, frt. alld. or dlvd.	gal.	.44½	—
3, frt. alld. or dlvd.	gal.	.43	—
4, frt. alld. or dlvd.	gal.	.58	—
5, frt. alld. or dlvd.	gal.	.49½	—
tanks, Zone 1, frt. alld.	gal.	.33	—
2, frt. alld.	gal.	.34½	—
3, frt. alld.	gal.	.36½	—
4, frt. alld.	gal.	.36½	—
5, frt. alld.	gal.	.36½	—
97%, dms., c.l., Zone 1, frt. alld.	gal.	.88½	—
2, frt. alld.	gal.	.40½	—
3, frt. alld.	gal.	.41½	—
4, frt. alld.	gal.	.42½	—
5, frt. alld.	gal.	.43½	—
l.c.l., Zone 1, frt. alld. or dlvd.	gal.	.41	—
2, frt. alld. or dlvd.	gal.	.45½	—
3, frt. alld. or dlvd.	gal.	.44	—
4, frt. alld. or dlvd.	gal.	.59	—
5, frt. alld. or dlvd.	gal.	.50½	—
tanks, Zone 1, frt. alld.	gal.	.34	—
2, frt. alld.	gal.	.35½	—
3, frt. alld.	gal.	.37½	—
4, frt. alld.	gal.	.37½	—
5, frt. alld.	gal.	.37½	—
pure, dms., c.l., Zone 1, frt. alld.	gal.	.40	—
2, frt. alld.	gal.	.42	—
3, frt. alld.	gal.	.43	—
5, frt. alld.	gal.	.45½	—
5, frt. alld.	gal.	.46	—
l.c.l., Zone 1, frt. alld. or dlvd.	gal.	.42½	—
2, frt. alld. or dlvd.	gal.	.47	—
3, frt. alld. or dlvd.	gal.	.45½	—
4, frt. alld. or dlvd.	gal.	.61	—
5, frt. alld. or dlvd.	gal.	.52	—
tanks, Zone 1, frt. alld.	gal.	.35½	—
2, frt. alld.	gal.	.37	—
3, frt. alld.	gal.	.39	—
4, frt. alld.	gal.	.39	—
5, frt. alld.	gal.	.39	—

Methanol prices, bbls., 2¼n. gal. more than drums

synthetic, guaranteed 99.5%, dms., c.l., Zone 1, frt. alld.	gal.	.40	—
2, frt. alld.	gal.	.42	—
3, frt. alld.	gal.	.43	—
4, frt. alld.	gal.	.45½	—
5, frt. alld.	gal.	.46	—
l.c.l., Zone 1, frt. alld. or dlvd.	gal.	.42½	—
2, frt. alld. or dlvd.	gal.	.47	—
3, frt. alld. or dlvd.	gal.	.45½	—
4, frt. alld. or dlvd.	gal.	.61	—
5, frt. alld. or dlvd.	gal.	.52	—
tanks, Zone 1, frt. all.	gal.	.35½	—
2, frt. alld.	gal.	.37	—
3, frt. alld.	gal.	.39	—
4, frt. alld.	gal.	.39	—
5, frt. alld.	gal.	.39	—

Methanol sales zones are:—Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Penn., R. I., Tenn., Vt., Va., W. Va., Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C., S. D.; Zone 3, Los Angeles, Cal., San Francisco, Cal., Portland, Ore., and Seattle, Wash.; Zone 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah, Wash.; Zone 5, N. Mex., Texas, Wyo.

FOURTEEN REILLY PLANTS SUPPORTED BY



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Command Your Attention

Year after year, Reilly has grown . . . steadily it has matched the progress made by the industries it serves . . . Today, with fourteen plants strategically located and with the experience of four decades of service, Reilly is recognized as a dependable source of supply for the entire range of coal tar products. ● For your needs . . . be they large or small . . . you will find Reilly capable and intent to serve you. Our facilities . . . our knowledge and our experience are yours to command—your orders will be promptly and efficiently dispatched and your inquiries are always welcome.

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DOVER, OHIO • FAIRMONT, W. VA.
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CHATTANOOGA, TENN. • MOBILE, ALA.

Reilly COAL TAR PRODUCTS

REILLY TAR & CHEMICAL CORPORATION
EXECUTIVE OFFICES: *MERCHANTS BANK BUILDING, INDIANAPOLIS, INDIANA*

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PRODUCTS: PHENOL • CRESOL • CRESOL U. S. P. • ORTHO CRESOL • CRESYLIC ACID • CREOSOTE OIL • XYLENOL • HIGH-BOILING TAR ACIDS • NAPHTHALENE • ANTHRACENE • PHENANTHRENE • BITUVIA ROAD MATERIALS • CARBAZOLE • ACENAPHTHENE • FLUORENE • FLOTATION REAGENTS • WOOD PRESERVATIVES • DISINFECTANT OILS • REILLY CARBON • COAL TAR • COAL TAR PITCH • ROOFING MATERIALS • IN-DUR RESINS • REILLY TRANSPARENT PENETRATING CREOSOTE

Methyl acetate, 90%, dms., c.l.; frt. alld. E. of Rockies..lb. .10 - —
W. of Rockies.....lb. .16½- —
l.c.l., frt. alld., E. of Rockies..lb. .17 - —
W. of Rockies.....lb. .17½- —
99%, dms., c.l., frt. alld. E. of Rockies..lb. .18 - —
W. of Rockies.....lb. .18½- —
l.c.l., frt. alld. E. of Rockies..lb. .14 - —
W. of Rockies.....lb. .14½- —
Acetoacetate, dms., l.c.l., frt. alld..lb. .27 - -
Acetone, dms., c.l., contracts, zone 1, frt. alld..lb. .45½- —
2, frt. alld.....gal. .47½- —
3, frt. alld.....gal. .48½- —
4, frt. alld.....gal. .51 - —
5, frt. alld.....gal. .50½- —
l.c.l., Zone 1, frt. alld. or dlvd..gal. .48 - —
2, frt. alld. or dlvd....gal. .52½- —
3, frt. alld. or dlvd....gal. .51 - —
4, frt. alld. or dlvd....gal. .65½- —
5, frt. alld. or dlvd....gal. .58½- —
tanks, contracts, Zone 1, frt., alld..gal. .41 - —
2, frt. alld.....gal. .42½- —
3, frt. alld.....gal. .44½- —
4, frt. alld.....gal. .44½- —
5, frt. alld.....gal. .44½- —

Methyl acetone in bbls. 2½c. per gal. more, in all brackets. The sales zones are: Zone 1, Conn., Dela., D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D.; Zone 3, L. A. and San Fran., Cal.; Portland, Ore.; Seattle, Wash.; Zones 4, Ariz., Cal., Mont., Nev., Idaho, Ore., Utah and Wash.; Zone 5, N. Mex., Tex., Wyo.

Synthetic, dms., c.l., Zone 1, frt. alld. E. of Rockies..gal. .52½- —
2, frt. alld. E. of Rockies..gal. .54½- —
3, Pacific coast.....gal. .56½- —
l.c.l., Zone 1, frt. alld. E. of Rockies..gal. .55 - —
2, frt. alld. E. of Rockies..gal. .59½- —
3, Pacific coast.....gal. .58 - —
tanks, Zone 1, frt. alld. E. of Rockies..gal. .48 - —
2, frt. alld. E. of Rockies..gal. .49½- —
3, Pacific coast.....gal. .51 - —
Methyl acetone, synthetic, sales zones are:—Zone 1, Conn., Dela.; D. C., Ill., Ind., Iowa, Ky., Me., Md., Mass., Mich., Minn., Mo., N. H., N. J., N. Y., N. C., Ohio, Pa., R. I., Tenn., Vt., Va., West Va. and Wis.; Zone 2, Ala., Ark., Col., Fla., Ga., Kans., La., Miss., Neb., N. D., Okla., S. C. and S. D. Zone 3, Pacific coast.

Alcohol (see Methanol).
Anthranilate, bots.....lb. 1.95 - 2.05
Benzoate, bots.....lb. .70 - 1.00
Chloride cyirs.....lb. .40 - —
Cinnamate, bots.....lb. 3.00 - 3.75
Formate, dms.....lb. .85 - .96
Iodide, bots., jars.....lb. 5.80 - 5.85
Salicylate, dms.....lb. .40 - .42
tins.....lb. .42 - .45
Violet toner, bbls. (500 lbs.).lb. .40 - —
smaller lots.....lb. .42 - —
permanent, bbls.....lb. .80 - —
Methylanthraquinone, bbls.....lb. .80 - .85
Methylene blue, medicl., kgs...lb. 2.00 - 2.25
Methylheptenone, bots.....lb. 2.50 - 3.00
Methylheptin carbonate, bots..lb.27.50 -44.00
Methylhexyl ketone, dms., tech., wks..lb. .60 - —
Methylisobutyl ketone, dms., c.l. wks..gal. .70 - —
l.c.l. wks.....gal. .80 - —
tanks, wks.....gal. .70 - —
Methylpropyl carbinol (see Carbinol).
Metrosite pigment, 120 mesh, containers extra, c.l., f.o.b. Milwaukee..ton. 8.00 - —
l.c.l., same basis.....ton.10.00 - —
180 mesh, containers extra, c.l., same basis..ton.10.00 - —
l.c.l., same basis.....ton.12.00 - —
250 mesh, containers extra, c.l., same basis..ton.12.00 - —
l.c.l., same basis.....ton.14.00 - —
325 mesh, containers extra, c.l., same basis..ton.17.00 - —
l.c.l., same basis.....ton.19.00 - —
Mica, dry-grd., plastic, No. 100, 98 mesh, bgs., c.l., works..ton.35.00 - —
l.c.l., works.....ton.42.75 - —
second grade, bgs., c.l., works..ton.28.00 - —
l.c.l., works.....ton.41.25 - —
200, 100 mesh, bgs., c.l., works..ton.32.00 -40.00
l.c.l., works.....ton.40.00 -50.00
second-grade, bgs., c.l., works..ton.23.00 -30.00
l.c.l., works.....ton.29.00 -37.50
300, 140 mesh, bgs., c.l., works..ton.50.00 - —
l.c.l., works.....ton.62.50 - —
roofing, bgs., c.l., works..ton.28.50 -30.00
l.c.l., works.....ton.30.00 -37.50
wet-grd., 160 mesh, pure white, bgs., c.l., dlvd. E. of Miss. R..100 lbs. 4.50 - —
W. of Miss. R.100 lbs. 5.00 - —
l.c.l., works.....100 lbs. 4.50 - —
standard, bgs., c.l., works, frt. alld. E. of Miss. R. 100 lbs. 3.50 - —
W. of Miss R.100 lbs. 4.00 - —
l.c.l., works.....100 lbs. 3.50 - —
Mickler's ketone, kgs.....lb. 2.50 - —
Milk powder, skimmed, roller, bbls., c.l..lb. .10¼- —
l.c.l.....lb. .11¼- —
spray, bbls., c.l.....lb. .11 - —
l.c.l.....lb. .12 - —
unskimmed, roller, bbls., c.l.lb. .21½- .22
l.c.l.....lb. .22 - .22½
spray, bbls., c.l.....lb. .21½- .22
l.c.l.....lb. .22 - .22½
Millet seed, bgs.....lb. .03½- .04
hulled, bgs.....lb. .06¼- .07
Mineral spirits (see Petroleum thinner and V. M. & P. naphtha).
Molasses, blackstrap, tanks...gal. .07¼- —
New Orleans.....gal. .07 - —
Molybdenum metal, 98%, powd., kgs..lb. 1.80 - 2.15
Monoamylamine, dms., l.c.l. works..lb. 1.00 - —
Monochlorobenzene, dms.....lb. .06 - .06½
Monoethanolamine, dms.....lb. .31 - .35
Monoethylaniline, dms.....lb. .77 - .79
Monomethyl para-aminosulphate, dms..lb. 3.75 - 4.00
Morphine, cns.....oz.10.90 -10.95
Acetate, bots.....oz. 8.30 - 8.85
Ethylhydrochloride, vis.....oz.10.50 -10.55
Hydrobromide, cns.....oz. 8.70 - 8.75
Sulphate, cns.....oz. 8.75 - 8.90
Mullein flowers, cns.....lb. .85 - .90
Leaves, bls.....lb. .07 - .08

Musk, nat., Cabardine, grained, bots..oz. No stocks
pods, bots.....oz. No stocks
Tonquin, grained, bots....oz.21.00 -32.00
pods, bots.....oz.14.50 - —
synth., ambrette, cns.....lb. 4.20 - —
Ketone, cns.....lb. 4.35 - —
Xylol, 100%, cns.....lb. 1.25 - —
Musk Root, bls.....lb. .08½- .10
Mustard seed, Bombay, brown, bgs..lb. .07 - .07½
California, brown, bgs.....lb. .06½- .07
yellow, bgs.....lb. No stocks.
Chinese, yellow, bgs.....lb. .05¼- .05¾
Danish, yellow, bgs.....lb. .08 - .08½
Dutch, yellow, bgs.....lb. .07½- .08
English, yellow, bgs.....lb. .08¾- .09¼
Hungarian, yellow, bgs....lb. .07½- .08
Montana, brown, bgs.....lb. .07¾ Nom.
yellow, bgs.....lb. .07 - .07½
Roumanian, yellow, bgs...lb. .06¾- .07
Sicilian, brown, bgs.....lb. .11¼ Nom.
Myrobalans, J1, bgs., shipt..ton.22.00 - —
J2, bgs., shipt.....ton.14.75 - —
R2, bgs., shipt.....ton.14.25 - —
Extract, liquid, 25%, bbls...lb. .04¼- —

N

Naphtha hydrogenated (see Petroleum naphtha, high solvency).
Painters' (see Petroleum naphtha, V.M.&P.).
Solvent (see S).
Naphthalene, crude, dom., bgs., works..100 lbs. 3.00 Nom.
import., 74-78% bg.s Atlantic ports..100 lbs. 3.00 Nom.
refined, balls or flakes, bbls., wholesalers and jobbers, f.o.b. works..lb. .07½- —
os., same basis.....lb. .07¾- —
pkgs. (16 oz.), same basis..lb. .08 - —
(12 oz.), same basis...pkg. .06¼- —
chipped, crushed, bbls., same basis..lb. .06¼- —
rice, cryst., powd., bbls., same basis..lb. .07¼- —
Nerolin, cryst., cns.....lb. 1.22 - 1.25
Nickel carbonate, bbls.....lb. .26 - —
Chloride, bbls.....lb. .18 - .18½
kgs.....lb. .21 - .22
Oxide, black, bbls.....lb. .25 - .25
Salt, double, bbls.....lb. .12 - .12½
single, bbls.....lb. .13 - .13½
Nicotine, 50%, cns.....6 lbs. 8.25 -10.15
Sulphate, 10-lb. cns.....lb. .76½- 1.06½
5-lb. cns.....lb. .94 - 1.17
dms.....lb. .75 - .85
Nitercake, bulk, works.....ton.16.00 - —
Nitrobenzene, dbl. dist., dms.,c.l. lb. .09 - —
l.c.l. .....lb. .11 - —
tanks .....lb. .06½- —
Nitrocellulose, alcohol-soluble, ½, and 40, sec. vis., bbls., works..lb. .28 - —
bronzing, 30, 40, 70 sec. vis., bbls., works..lb. .20 - —
ester-soluble, ¼, ½, 5-6, 15-20 sec. and higher vis., bbls., works..lb. .26 - —
lacquer, 20-30 and 60-80 sec. vis., bbls., works..lb. .29 - —

Nitrocellulose prices are quoted on the basis of dry weight; denatured alcohol used in manufacture is charged extra. Barrels are to be paid for extra, but are returnable. A contract price of 25c. is standard for consumers of 10,000 pounds of nitrocellulose a year.

Nitrogen solution, 45½% ammon., tanks, f.o.b. Atlantic and Gulf ports Oct.-June unit-ton. 1.04 - —
Nitrogenous fertilizer material, 8-11% ammon., dom., bulk, f.o.b. Carrollville, Wis., 1936 shpt. unit-ton. 2.65 - —
Chemical, Ill..unit-ton. 2.65 - —
East Coast producing points..unit-ton. 2.85 - 3.00
import., bgs., c.i.f. Atlantic ports, shpt.....unit-ton. 2.75 - —
Nitronaphthalene, bbls.....lb. .34 - .38
Nitrotoluene, mixed, dms.....lb. .10½- .11
Nutgalls, Aleppo, bgs., cs.....lb. .20 - .22
Chinese, shipmt., cs.....lb. .20 - .22
Extract (see Gall extract).
Nutmegs, 80s, bgs., cs.....lb. .19 - .19½
110s, bgs., cs.....lb. .17½- .18
West Indian, bgs.....lb. .16 - .16½
Nux vomica, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .07½- .08

O

Oakbark extract, 25% tan., bbls. lb. .06½- —
tanks .....lb. .02¾- —
Ocher (see Yellow).
Octanes, 100-140° C., mixed, dms., c.l., G.3..gal. .11 - —
l.c.l., G.3.....gal. .13 - -
tanks, G.3 .....gal. .08½- —
Octyl acetate, dms., c.l., works..lb. .16 - -
l.c.l., works.....lb. .17 - —
small lots, works.....lb. .20 - —
tanks, works.....lb. .15 - —
Oil, almond, bitter, artif. (see Benzaldehyde).
natural, bots.....lb. 2.75 - 3.00
s.p.a., bots.....lb. 3.00 - 3.25
sweet, true, exp., cns.....lb. .75 - .80
Amber, crude, cns.....lb. .20 - .21
refd., cns.....lb. .52 - .57
Amyris, cns.....lb. 2.70 - 2.75
Angelica root, bots.....lb.64.00 -75.00
Seed, bots.....lb.72.00 -90.00
Anilin (see A).
Anise, USP, cns., dms.....lb. .85 Nom.
Apricot kernel, dom., dms. frt. alld..lb. .23½- .26
spot .....lb. .26 - .28
Russian, dms.....lb. .19 - .20
Babassu, tanks.....lb. .09 - —
Bay, W.I., cns.....lb. 1.30 - 1.50
Bergamot, artif., cns.....lb. 1.00 - 1.30
natural, coppers.....lb. 2.50 - 3.00
Betula (see Oil, sweet birch).
Birch (see Oil, sweet birch).
Birch tar, crude, dms.....lb. .14 - .17
rectifd., cns.....lb. .75 - .80
Bois de rose, Brazil, cns.....lb. 1.25 - 1.35
Cayenne, cns.....lb. 2.75 - 3.00
Cade, USP IX (see Oil, juniper tar).
Cajeput, tech., dms.....lb. .45 - .46
USP IX, cns.....lb. .47 - .48
Calamus, cns.....lb. 2.75 - 3.00
Camphor, sassafrassy, cns..lb. .15 - .15½
dms.....lb. .13½- .14
white, cns.....lb. .16 - .16½
dms.....lb. .14½- .17
Cananga, native, cns.....lb. 2.25 - 2.30
rectified, cns.....lb. 3.00 - 3.35
Capsicum (oleoresin), USP VIII, cns..lb. 2.00 - 2.25
Caraway, USP, cns.....lb. 2.00 - 2.25
Cardamom, bots.....lb.15.00 -32.00
Oil, cassia, USP, cns., dms...lb. .95 - 1.00
Castor, blown, one-way dms., c.l..lb. 12½- —
l.c.l. .....lb. .13 - —
medicinal, bbls, c.l.....lb. .10¾- —
l.c.l. .....lb. .11½- —
cns. (1-gal.), l.c.l.....lb. 14½- —
dms. (returnable), c.l....lb. .10½- —
l.c.l. .....lb .13¼- —
(5-gal.), l.c.l.....lb. .12½- —
tanks .....lb. .10 - —
No. 3, bbls., c.l.....lb. .10¼- —
l.c.l. .....lb. .11 - —
dms. (returnable), c.l....lb. .10 - —
l.c.l. .....lb. .10¾- —
tanks .....lb. .09½- —
Castor oil, med. and No. 3, prices are dlvd. all points between N. Y. and Philadelphia, Albany, and N. E. States; Chicago c.l. prices ¾c higher than N. Y.; l.c.l. prices, ¾c. higher than N. Y.; one-way dms., ¼c. higher, all points.
sulphonated, 50% (48% fat), dms., c.l..lb. .08 - —
l.c.l. .....lb. .08½- —
75% (63% fat), dms., c.l..lb. .11½- —
l.c.l. .....lb. .12 - —
80% (68% fat), dms., c.l..lb .12½- —
l.c.l. .....lb. .13 - —
Cedarleaf, cns.....lb. .65 - .70
dms. .....lb. .60 - .65
Cedarwood, Oregon, cns., dms. lb. .28 - .30
Southern, cns., dms.....lb. .18 - .20
Celery, bots.....lb.10.50 -12.50
Chaulmoogra, USP, cns., 500 lbs..lb. .90 - —
25 lbs.....lb. 1.00 - —
Chinawood, dms., Atlantic Cst. lb. .13½- .13¼
tanks .....lb. .1260- .1280
Cinnamon, Ceylon, bots.....lb. 9.00 -22.00
Seychelle, bots.....lb. 7.00 -10.00
Citronella, Ceylon, cns.....lb. .25½- .26
dms .....lb. .22½- .23
Java, dms. .....lb. .29 - .30
Clove, USP, cns.....lb. 1.08 - 1.10
dms. .....lb. 1.05 - —
Coconut, Manila, crude, tanks. lb. .06½ Nom.
Pac. Cst.....lb. .05⅞ Nom.
edible, 76°, tax incl., dms., (returnable), c.l.. .12 - —
l.c.l. .....lb. .12¾- —
tanks .....lb. .11¾- —
Cod, Newfoundland, tanked, bbls..gal. .48½ Nom.
Norwegian, bbls.....gal. .38 - .40
Codliver, med., Norwegian, bbls. bbl.25.00 -27.00
poultry, USP, bbls.....gal. .70 - .75
Coriander, bots.....lb. No stocks
Corn, crude, tanks, works...lb. .06¾ Nom.
refd., bbls.....lb. .12¼- .12½
Cottonseed, dom., cooking, bbls. 100 lbs.11.40 - —
salad, bbls.....100 lbs.11.55 - —
import., Brazilian, semirefd., dms..lb. .06½ Nom.
British, semi-refd., dms..lb. .07½ Nom.
Creosote (see C).
Croton, USP, cns.....lb. 1.25 - 1.30
Cubeb, USP, cns.....lb. 2.75 - 3.25
Crude (see Petroleum, crude).
Cumin, bots. .....lb. 8.50 -10.00
Cypress, cns. .....lb.12.00 - —
Degras (see D).
Diesel, Bayonne, bulk.....bbl. 1.65 - —
California, 27 plus, bulk..bbl. 1.00 - 1.25
Dill seed, bots.....lb. 3.15 - 3.50
Weed, bots. .....lb. 5.00 - 5.50
Dip (see D).
Erigeron, cns. .....lb. 1.45 - 1.55
Eucalyptus, cns.....lb. .37 - .39
dms .....lb. .35 - .37
Fennel, sweet, cns.....lb. 1.05 - 1.10
Fuel, bunker, California residue water..bbl. .85 - .95
Gulf Coast.....bbl. .95 - —
Louisiana-Arkansas, 16-20..bbl. .60 - .70
18-20 .....bbl .65 - .75
N. Y. and N. J. terminals:—
Monday .....bbl. 1.15 - —
Tuesday .....bbl. 1.15 - —
Wednesday .....bbl. 1.15 - —
Thursday .....bbl. 1.15 - —
Friday .....bbl. 1.15 - —
Saturday .....bbl. 1.15 - —
North Texas, 18-22.....bbl. .72½- .80
24-28, zero cold test..bbl. .95 - 1.00
Oklahoma, 18-22.....bbl. .72½- .80
24-28, zero cold test..bbl. .95 - 1.05
24-28, 15 and above...bbl. .80 - .85
Pennsylvania, 36-40.....gal. .04⅜- .04½
Furnace, Bayonne, 1, bulk, refinery..gal. .04½- .05
2, bulk, same basis.....gal .04¼-
3, bulk, same basis.....gal .04¼ -
4, bulk, same basis.....gal. .04 - —
Louisiana - Arkansas, 38 - 40, light straw.....gal. .03 - .03¼
Oklahoma, 28-30.....gal. .02¾- .03
32-34 .....gal. .02¾- .03
36-38 .....gal. .03½- .03¼
38-40, straw.....gal. .03¼- .03¾
28-40, zero, 60 c.p.....gal. .03¾- .03½
Fusel (see F)
Gas, Bayonne, bulk.....gal. .04¼- .04½
Gulf Coast, bulk.....gal. .03¼- .03⅝
North Texas, bulk.....gal. .02½- .02⅝
Oklahoma, bulk.....gal. .02¾- .02⅞
Gaultheria (see Oil, wintergreen leaf).
Geranium, Algerian, rose, cns. lb. 4.50 - 6.50
Bourbon, cns.....lb. 4.75 - 5.65
Turkish, cns.....lb. 1.60 - 2.00
Grapefruit, cns.....lb. 2.85 - 2.90
Ginger, dist., bots.....lb. 5.85 - 6.10
Guaiac wood, concrete, bots..lb. 3.10 - 3.15
Haarlem, dom., bots.....gross 3.25 - 3.35
import, bots.....gross 3.40 - 3.50
Halibut-liver, dms. 1,000 A unit-gal. .75 - 1.00
Hemlock, cns.....lb. 1.00 - 1.05
Hempseed, crude, dms.....lb. .09½- .09¾
refd. dms.....lb. .10½- .10¾
Herring, tanks, Pan. Cst..gal. .31 - —
Juniper berry, USP, cns.....lb. 1.00 - 2.00
Wood, tech., cns.....lb. .45 - —
Juniper tar, U.S.P.XI, 1,000 lb. dms..lb. .35 - .50
cns. .....lb. .38 - .52
Lard, common, 1, bbls..100 lbs. 9.50 - —
2, bbls.....100 lbs. 9.25 - —
extra, bbls.....100 lbs.10.75 - —
1, bbls.....100 lbs. 9.75 - —
headlight, burning bbls.100 lbs.12.00 - —
prime, ed., bbls.....100 lbs.14.25 - —
lned., bbls.....100 lbs.12.00 - —
winter, strained, extra, bls., 100 lbs.11.00 - —
prime, bbls.....100 lbs.11.25- —
Lavender flowers, French, USP, cns..lb. 2.55 - 7.25
Garden, cns.....lb. .45 - .50
Spike, Spanish, tech., cns..lb. 1.05 - 1.40
dms .....lb. .95 - 1.10
Lemon, Calif., cns.....lb. 1.75 - —
Messina, coppers, cns.....lb. 1.75 - 2.40
Lemongrass, native, cns., dms. lb. .55 - .62
Lime, dist., cns.....lb. 5.45 - 6.00
expressed, cns. .....lb. 9.35 -10.50
Linalce wood, cns.....lb. 1.15 - 1.20
Linseed, boiled, bbls., c.l....lb. .0980- .1000
l.c.l., 5 or more.....lb. .1020- .1040
less than 5.....lb. .1060- .1080
tanks .....lb. .0920- .0940

Methyl Acetate—Oil, Pimento

Oil, linseed, double boiled, bbls., less than 5..lb. .1060- .1100
raw, bbls., c.l.....lb. .0940- .0960
l.c.l., 5 or more.....lb. .0980- .1000
less than 5.....lb. .1020- .1040
tanks .....lb. .0880- .0900
Lovage, bots.....lb.46.00 -56.00
Lubricating, at refinery (including U.S. tax 4c. per gal.):—
California, green, 70 vis., tanks..gal. .21½- —
80, 100 vis., tanks..gal. .24½- —
115, 125 vis., tanks..gal. .26½- —
green, pale, 750, 900 vis., tanks..gal. .21½- —
green, pale, red, 200, 300, 350, 400, 450, 500, 600, 700 vis., tanks..gal. .21½- —
pale, red, 100, 140, 1,000 vis., tanks..gal. .21½- —
pale, 75, 175 vis..tanks.gal. .21½- —
Oklahoma, bright stocks, 100-110 D, 0-10 pour tanks..gal. .19½- —
15-25 pour, tanks..gal. .19 - —
150-160 D, 0-10 pour tanks..gal. .21 - —
15-25 pour, tanks..gal. .20½- —
150-160 E, 15-25, pour, tanks..gal. .20 - —
190-200 D, 15-25 pour, tanks..gal. .24 - —
200-210 E, 15-25 pour, tanks..gal. .23 - —
neutrals, 0-10 pour, 150 vis., 3 color, tanks..gal. .12½- —
180 vis., 3 colors, tanks, gal. .13½- —
4 color, tanks....gal. .13 - —
200 vis., 3 color, tanks, gal. .14 - —
4 color, tanks....gal. .13½- —
250 vis., 3 color, tanks, gal. .15 - —
4 color, tanks....gal. .14½- —
280 vis., 3 color, tanks, gal. .16 - —
4 color, tanks....gal. .15½- —
300 vis., 3½ color, tanks..gal. .16½- —
350 vis., same basis, gal. .17 - —
400 vis., same basis, gal. .17½- —
500 vis., same basis, gal. .18 - —
600 vis., same basis, gal. .18½- —

15-25 pour prices are ½c. per gallon higher than zero to 10° pour.

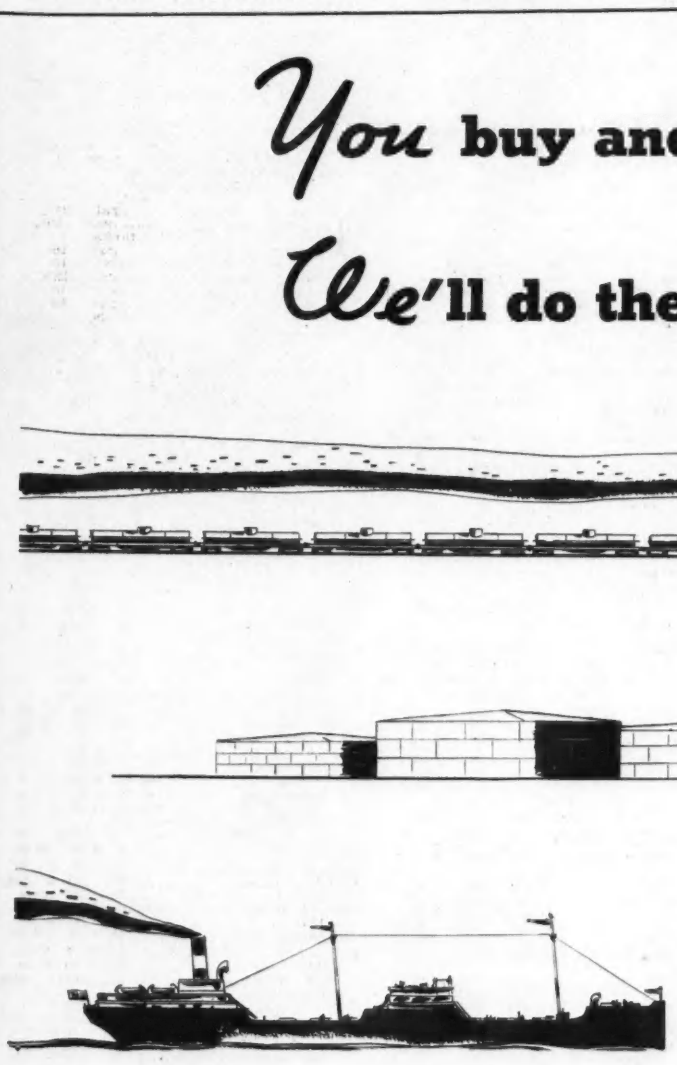
Penna., bright, 600 cold test, 10-40 pour, tanks.. gal. .24½- —
10-15 pour, tanks.....gal. .25½ —
cylinder, 600 fire, tanks, gal. .16 - .16½
600 flash, tanks.....gal. .19 - —
650 flash, tanks.....gal. .23½- —
635 fire, tanks.....gal. .18 - —
650 fire, tanks.....gal. .18 - —
Warren, E, amber, tanks, gal. .19½- —
neutral, 150 vis....3 color, tanks..gal. .22½- .23
180 vis.,3 color,tanks.gal. .25 - —
200 vis.,2 color,tanks.gal. .26 - .27
spot, Penna, bright, bbls., l.c.l., f.a.s..gal. .32 - —
unfiltered, 600 s.r., bbls., c.l., f.a.s..gal. .24 - —
600 flash, s.r., bbl., c.l., f.a.s..gal. .26 - —
650 s.r., bbls., c.l., f.a.s. gal. .23¾- —
Warren, E, bbls., c.l.,f.a.s. gal. .26 - —
smaller lots, f.o.b..gal. .30 - —
Mace, dist., cns.....lb. 1.10 - 1.15
Menhaden, crude, tanks, f.o.b. Balto..gal. .31 Nom.
refd., alkali, dms., c.l.....lb. .0780- —
l.c.l. .....lb. .0780- —
tanks .....lb. .0720- —
blown, dms.....lb. .0780- —
kettle-bodied, dms.....lb. .0880- —
light pressed, dms., c.l....lb. .0720- —
l.c.l. .....lb. .0720- —
tanks .....lb. .0660- —
Mineral, white (see Oil, white mineral)
Mustard, artif., USP., bots..lb. 1.85 - 1.90
dist., natural, bots.....lb. 8.50 - 9.00
expressed, bbls.....gal. .75 - .80
Neatsfoot, cold test, bbls.100 lbs.16.00 - —
extra, bbls.....100 lbs.10.00 - —
1, bbls.....100 lbs. 9.75 - —
pure, bbls.....100 lbs.11.50 - —
Special, bbls.....100 lbs.11.00 - —
sulphonated, common, 25% moisture, dms..lb. .10½- —
Neroli bots.....lb.35.00 -60.00
Nutmeg USP, cns.....lb. 1.10 - 1.15
Oiticica, dms.....lb. .10 - .10¼
shipment .....lb. .10 Nom.
Oleo, 1, bbls.....100 lbs.11.50 - —
2, bbls.....100 lbs.11.00 - —
Olibanum, bots.....lb. 5.25 - 5.30
Olive, dom., denat., bbls....gal. 1.15 Nom.
edible, bbls.....gal. 1.80 Nom.
foots, bbls.....lb. .00¼- .00¾
sulphonated, 50% (43% fat), dms., c.l..lb. .11 - —
l.c.l. .....lb. .11½- —
75% (63% fat), dms., c.l..lb. .14½- —
l.c.l. .....lb. .15 - —
80% (68% fat), dms., c.l..lb. .15½- —
l.c.l. .....lb. .16 - —
Orange, sweet, dist., cns.....lb. .90 - —
expressed, African, cns., dms..lb. 1.20 - 1.25
Calif., cns.....lb. 2.85 - —
Florida, cns.....lb. 2.85 Nom.
Messina, USP, coppers..lb. 2.10 - 3.00
Spanish, cns.....lb. No stocks
West India, cns.....lb. 1.95 - 2.00
Origanum, Spanish, cns.....lb. .90 - 1.25
Orris, Florentine, concrete, extra strong, bots..oz. 5.25 - 5.50
Palm, Niger, cks.....lb. .04¾- .05
shipment .....lb. .0450- —
softs, 12½%, bulk, shipt...lb. .0455- —
20%, bulk, shipt.....lb. .0445- —
Sumatra, tanks.....lb. .05¾- Nom.
shipments, bulk.....lb. .0450 Nom.
Palmarosa, cns.....lb. 1.60 - 2.00
Palmkernel, bulk, shipt.....lb. .0545- —
Paraffin, 320° flash, 60-70 vis., tanks, G. 3..gal. .05½- —
350° flash, 70-80 vis., tanks, G. 3..gal. .05½- —
80-85 vis., bbls. extra, Ind. refy..gal. .12 - —
350° flash, 100-105 vis., bbls. extra, Ind. refy..gal. .14 - —
360° flash, 100-110 vis., tanks, G. 3..gal. .05¾- —
Patchouli, bots.....lb. 5.00 - 6.00
Peanut, crude, tanks, works. lb. .05¾ Nom.
refd. edible, bbls..... gal. .06¾ Nom.
Pennyroyal, dom., cns.....lb. 1.65 - 1.75
import, cans.....lb. 1.60 - 1.85
Peppermint, natural, cans, dms. lb. 2.20 - 2.45
redist., USP, cns, dms....lb. 2.35 - 2.70
Perilla, dms.....lb. .09½- .09¾
tanks .....lb. .09 - .09¼
Petitgrain, Paraguay, cns...lb. 1.10 - 1.15
Pimento berry, cns.....lb. 2.30 - 2.50
Leaf, cns.....lb. 1.35 - 1.40

Oil, Pine—Petrolatum

Oil, pine, dest.-dist., straw-color, dms., dlvd. E. ports	gal.	.44	—
steam-dist., straw-color, bbls.	gal.	.50	—
tanks	gal.	.54	—
water-white, bbls.	gal.	.64	—
tanks	gal.	.59	—
Pinaceedle, Siberian, cns.	lb.	.90	1.10
Putty, bbls., El Segundo, Richmond, Cal.	gal.	.22½	—
contracts	gal.	.13½	—
Whiting, Ind.	gal.	.32	—
dms., c.l., Bost., Provid.	gal.	.35½	—
l.c.l., same basis	gal.	.37	—
tanks, same basis	gal.	.16	—
Martinez, Cal.	gal.	.29	—
Rapeseed, blown, bbls.	lb.	.11¼	.12
denat., bbls.	gal.	.73	.75
Red, dist. or saponif., bbls., dlvd.	lb.	.10½	.11¾
dms, dlvd.	lb.	.10	.11
tanks, dlvd.	lb.	.09¼	—
white dms.	lb.	.12½	.13½
Rose, artif., bots.	oz.	2.00	3.00
natural, coppers	oz.	5.25	22.50
Rosemary, tech., cns.	lb.	.37	.38
USP, cns., dms.	lb.	.43	.48
Rosin, 1st rectfd., dms.	gal.	.52	.54
2d rectfd., dms.	gal.	.55	.57
3d rectfd., dms.	gal.	.62	.64
Rue, bots.	lb.	2.15	2.20
Sage, cns.	lb.	1.60	1.65
Salmon, tanks, Pac. Cst.	gal.	.32	Nom.
Sandalwood, Australia, cns.	lb.	4.50	5.00
E.I., USP, cns.	lb.	4.80	5.50
Sardine, crude, tanks, Pac. Cst.	gal.	.36	—
rfd., alkali, dms., c.l.	lb.	.0780	—
l.c.l.	lb.	.0780	—
tanks	lb.	.0720	—
kettle-bodied, dms.	lb.	.0880	—
light, pressed, dms., c.l.	lb.	.0720	—
l.c.l.	lb.	.0720	—
tanks	lb.	.0660	—
Oil, sardine, rfd., poultry feed., dms., Pac. cst.	gal.	.60	—
Sassafras, artif., dms.	lb.	.33	.35
cns.	lb.	.36	.38
natural, cns., dms	lb.	.75	1.25
Savin, cns.	lb.	1.70	1.75
Savory, cns.	lb.	3.50	3.75
Sesame, dom., refd., white, dms.	lb.	.13	Nom.
yellow, dms.	lb.	.13	Nom.
Shingle stain, bbls., c.l., works.	gal.	.17½	—
l.c.l., works	gal.	.20	—
tanks, works	gal.	.14½	—
Snakeroot, Canada, cns.	lb.	10.25	12.50
Soybean, dom., crude, dms.	lb.	.0930	.0990
tanks	lb.	.0870	—
refd., dms.	lb.	.0980	.1070
tanks	lb.	.0920	.0970
Spearmint, USP, cns.	lb.	1.85	2.00
Sperm, bleach, 38°, dms.	lb.	.0980	.1000
45°, dms.	lb.	.0910	.0930
natural, dms.	lb.	.0860	.0880
Spruce, cns.	lb.	1.00	1.05
Sunflower seed, refd., dms.	lb.	.11	Nom.
Sweet birch, North., cns.	lb.	3.50	3.75
South., cns.	lb.	1.90	2.10
Tallow, acidless, bbls.	100 lbs.	9.75	—
tanks	100 lbs.	9.25	—
Tansy, cns.	lb.	2.35	3.00
Tar, commi., dms., c.l., dlvd. E. cities	gal.	.26	—
E. ports	gal.	.25	—
l.c.l.	gal.	.26	—
tanks, dlvd. E. cities	gal.	.20	—
Tar acid (see T)			
Teaseed, dms.	lb.	.11¼	.11½
Thyme, NF, red, dms.	lb.	.85	1.25
white, dms.	lb.	.80	1.85
Tung (see Oil, chinawood).			
Turkey red (see Oil, castor, sulphonated).			
Turpentine (see T).			
Turtle, cns.	gal.	4.00	5.00
Oil, valerian, bots.	lb.	13.50	14.00
Vetiver, Bourb., bots.	lb.	8.00	18.00
Walnut, crude, dms.	lb.	.11	.11¼
refd., dms.	lb.	.12	.12¾
Whale, refd., natural, dms.	lb.	.0750	.0770
winter, bleach, dms.	lb.	.0790	.0810
Wheat germ, cns., dms.	gal.	27.50	30.00
White mineral, dom., tech., 50-60 vis., dms.	gal.	.42	.44
65-75 vis., dms.	gal.	.44	.46
80-90 vis., dms.	gal.	.45	.47
U.S.P., 80-90 vis., dms.	gal.	.54	.56
95-105 vis., dms.	gal.	.66	.68
125-135 vis., dms.	gal.	.75½	.77½
140-150 vis., dms.	gal.	.76½	.78½
175-185 vis., dms.	gal.	.78½	.80½
200-210 vis., dms.	gal.	.80	.82
220-230 vis., dms.	gal.	.85½	.87½
335-345 vis., dms.	gal.	.87	.89
Russian, 75-85 vis., dom.	gal.	.52	—
145-155 vis., dms.	gal.	.74½	—
185-190 vis., dms.	gal.	.76½	—
275-285 vis., dms.	gal.	.80	—
335-345 vis., dms.	gal.	.85	—
Wintergreen, natural, North., cns.	lb.	4.00	5.00
South., cns.	lb.	3.25	3.75
synth. (see Methyl salicylate).			
Wood (see Oil, chinawood).			
Wormseed, cns.	lb.	2.60	3.10
Wormwood, cns.	lb.	2.65	2.75
Ylang-ylang, Bourb., bots., cns.	lb.	3.50	6.00
Manila, bots.	lb.	26.00	30.00
Opium, USP, cns.	lb.	11.50	12.50
gran., cns.	lb.	12.50	13.50
powd., cns.	lb.	12.50	13.50
Orange, chrome (see Yellow, chrome).			
Lake, Persian, bbls.	lb.	.20	.45
Mineral, Amer., bbls., 5 tons, dlvd. Ala., Ark., Cal., Fla., Ga., La., Miss., Okla., Tex., and W. of Cascade Mts. in Ore. and Wash.	lb.	.10¾	—
Orange mineral, Amer., bbls., 5 tons, dlvd., Ariz., Idaho, Nev., Utah and E. of Cascade Mts. in Ore. and Wash.	lb.	.11¼	—
Colo., Mont., [illegible] Wyo.	lb.	.11	—
Other points	lb.	.10½	—
smaller lots, dlvd. Ala., etc.	lb.	.11¼	—
Ariz., etc.	lb.	.11¾	—
[illegible] Wyo.	lb.	.11½	—
Other points	lb.	.11	—
French fours, csks., ex dock	lb.	.11	—
tgs., ex dock	lb.	.18½	—
Peel, bitter, bls.	lb.	.06	.09
Sweet, bls.	lb.	.09	.10
Toner bbls.	lb.	.80	—
Orangeflower petals, cs.	lb.	.35	.36
Orris root, Florentine, bgs.	lb.	.09	.10
fingers, cs.	lb.	.95	1.00
powd., bbls., bxs.	lb.	.12	.13
Verona, bls.	lb.	.08	.09
powd., bxs., cs.	lb.	.11	.12
Orthoanisidin, bbls.	lb.	.83	.84
Orthochloroanilin, dms.	lb.	.60	.75
Orthochlorophenol, dms.	lb.	.35	.75
Orthocresol, dms.	lb.	.13	.15
Orthodichlorobenzene, dms.	lb.	.06½	.11¼
Orthonitroanilin, dms.	lb.	.46	.60
Orthonitrochlorobenzene, kgs.	lb.	.26	.30
Orthonitroparachlorophenol, cns.	lb.	.70	.75
Orthonitrophenol, kgs.	lb.	.85	.90
Orthonitrotoluene, dms.	lb.	.07	.10
Orthotoluene sulphonate, kgs.	lb.	2.00	2.05
Orthotoluidin, dms.	lb.	.14½	.15
Osage orange extract, cryst., bbls.	lb.	.17	.19
liquid, 51°, bbls.	lb.	.07	.09
Oxyquinolin sulphate, cns., 100-lbs., works.	lb.	3.50	—
bots., cns., 1-50 lbs.	lb.	3.65	4.00

P

Papain, powd., cs.	lb.	.95	1.00
Paprika, Hungarian, bgs.	lb.	.20½	.22
Spanish, extra fancy, cs.	lb.	.27	.28
fair, bgs	lb.	.21½	.22
fancy, bgs.	lb.	.23½	.24
medium, bgs.	lb.	.22	.22½
Para-aminoacetanilide, kgs.	lb.	.85	Nom.
Para-aminophenol, bgs., bbls.	lb.	1.05	—
Hydrochloride, bbls.	lb.	1.25	—
Para-amylphenol, tertiary, dms., c.l., works.	lb.	.26	—
Parachlorophenol, dms.	lb.	.30	.40
Paracymene, rfd., dms.	gal.	.75	1.00
Paradichlorobenzene, dms.	lb.	.16	.20
kegs	lb.	.18	.25
Paraffin, crude, scale, white, 122-124 A.m.p., bgs., c.l., Okla., refy.	lb.	.02¾	.03⅛
bbls., c.l., N. Y.	lb.	.0240	—
124-126 A.m.p., bgs., c.l., Okla., refy.	lb.	.02½	.02¾
bbls., c.l., N. Y.	lb.	.0245	—
yellow, 124-126 A.m.p., bbls., c.l., N. Y.	lb	.02¼	Nom.
fully refd., slabs, 120-122 A.m.p., bgs., c.l.	lb.	No prices	
123-125 A.m.p., bgs., c.l.	lb.	.0445	—
export, f.a.s. N. Y.	lb.	.0440	—
126-127 A.m.p., bgs., c.l.	lb.	.0455	—
export, f.a.s., N. Y.	lb.	.04½	—
128-130 A.m.p., bgs., c.l.	lb.	.0480	—
export, f.a.s. N. Y.	lb.	.04¾	—
130-132 A.m.p., bgs., c.l.	lb.	.0495	—
export, f.a.s. N. Y.	lb.	.0490	—
133-135 A.m.p., bgs., c.l.	lb.	.0555	—
export, f.a.s. N. Y.	lb.	.05½	—
135-137 A.m.p., bgs., c.l.	lb.	.0580	—
export, f.a.s. N. Y.	lb.	.05¾	—
138-140 A.m.p., bgs., c.l.	lb.	.0625	—
143-145 A.m.p., bgs., c.l.	lb.	.0790	—
Refined paraffin prices in cases are ½c lb. higher than bags price.			
match, A.m.p. up to and incl. 110-112, bbls., c.l.	lb.	.02	—
semirfd., solid, 123-124 A.m.p., bgs.	lb.	.02¾	Nom.
Paraformaldehyde, kgs., 1,000 lbs.	lb.	.38	—
100-lbs.	lb.	.39	—
Paraldehyde, tech., dms., wks.	lb.	.16	.18
USP, obys.	lb.	.37	.45
Paranitroanilin, kgs.	lb.	.47	.60
Paranitrochlorobenzene, kgs.	lb.	.32½	.34
Paranitrophenol, kgs.	lb.	.35	.37
Paranitrotoluene, kgs.	lb.	.36	.37
Paraphenylenediamine, bbls.	lb.	1.35	1.50
tanks, same basis	lb.	.31	—
Paratoluenesulphonamide, bbls.	lb.	.70	.75
Paratoluenesulphonanilide, bbls.	lb.	.55	—
Paratoluidin, bbls.	lb.	.58	.60
Pareira brava root, bls.	lb.	.16	.17
Paris green, bxs., frt. all'd E. of Cleve.	lb.	.26	.31
kgs., same basis	lb.	.22	.24
kits, same basis	lb.	.26	—
Passion flower herb, bls.	lb.	.06	.06½
Patchouli leaves, bls.	lb.	.15	.16
Pellitory root, bls.	lb.	.16	.17
Pennyroyal, bls.	lb.	.10	.11
pentane, norm., 28-38°, dms., c.l., G.S.	gal.	.12½	—
l.c.l., G.S	gal.	.16	—
tanks, G.S	gal.	.09½	—
laboratory grade, dms c.l. G.S.	gal.	.16	—
l.c.l., G.S.	gal.	.25	—
Pepper, black, Alleppy, bgs.	lb.	.08¾	.09
Lampong, bgs.	lb.	.05	.05½
Tellicherry, bgs.	lb.	.09	.09½
Red, birdseye, new crop, bgs., afloat	lb.	.15	.15½
old crop, bgs.	lb.	.13½	.14
Japanese, 1, bgs.	lb.	.12	.12½
Mombassa, bgs.	lb.	.16¼	.16⅝
White, Borneo, bgs.	lb.	.10	.10½
Java, Muntok, bgs.	lb.	.10½	.11
Saigon, bgs.	lb.	No stocks	
Singapore, Muntok, bgs.	lb.	.10¼	.10⅝
Peppermint leaves, dom., bls.	lb.	.24	.25
import, bls.	lb.	.34	.39
Persian berry extract, bbls.	lb.	.55	Nom.
Peru balsam, dms.	lb.	1.05	1.10
Petrolatum, amber, dark, bbls., c.l.	lb.	.02¾	.03
light, bbls., c.l.	lb.	.03¼	.03
medium, bbls., c.l.	lb.	.03¾	.03¼
cream, bbls., c.l.	lb.	.06	.06½
green, dark, bbls., c.l.	lb.	.02½	.03
red, bbls., c.l.	lb.	.02¾	.03
veterinary, bbls., c.l.	lb.	.02¾	.03
white, lily, bbls., c.l.	lb.	.06	.06¼
snow, bbls. c.l.	lb.	.07	.07½



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Athens	bbl.	.84	- 1.07
Belridge	bbl.	.76	- 1.23
Buena Vista Hills	bbl.	.76	- 1.23
Coalinga	bbl.	.76	- .96
Coyote Hills (West)	bbl.	.75	- 1.23
Dominguez	bbl.	.76	- 1.04
East Coyote	bbl.	.76	- .96
Elk Hills	bbl.	.70	- 1.23
Elwood Terrace, f.o.b. ship.	bbl.	1.32	- 1.42
Huntington Beach	bbl.	.76	- 1.22
Inglewood	bbl.	.76	- 1.27
Kern Front	bbl.	.76	- —
Kern River	bbl.	.76	- —
Kettleman Hills	bbl.	1.19	- 1.43
La Habra	bbl.	.76	- .96
Lakeview	bbl.	.70	- 1.22
Lost Hills	bbl.	.70	- 1.23
McKittrick	bbl.	.76	- —
Midway - Sunset (except Lakeview)	bbl.	.76	- 1.26
Montebello	bbl.	.77	- 1.43
Mt. Poso	bbl.	.76	- —
Mountain View	bbl.	.76	- 1.26
Newhall	bbl.	.70	- —
Olinda Bree	bbl.	.76	- 1.27
Orcutt	bbl.	.76	- .86
Playa del Rey, f.o.b. pipe-line	bbl.	.80	- 1.16
Richfield	bbl.	.76	- 1.00
Rosecrans	bbl.	.84	- 1.06
Round Mt.	bbl.	.70	- —
Santa Fe Springs	bbl.	.78	- 1.49
Santa Paula	bbl.	.70	- 1.01
Seal Beach	bbl.	.79	- 1.19
Signal Hill	bbl.	.80	- 1.21
Torrence	bbl.	.80	- 1.06
Wheeler Ridge	bbl.	.70	- .82
Whittier	bbl.	.76	- .90

Canada:—

Oil Springs	bbl.	2.17	- —
Petrolia	bbl.	2.10	- —

Central West:—

Illinois	bbl.	1.28	- —
Lima	bbl.	1.15	- —
Midland (Mich.)	bbl.	1.32	- —
Princeton	bbl.	1.12	- —
East Texas	bbl.	1.15	- —

Gulf Coast:—

Barber's Hill	bbl.	.92	- 1.22
Batson	bbl.	.92	- 1.22
Conroe	bbl.	1.24	- 1.24
Dayton	bbl.	.92	- 1.22
Evangeline	bbl.	.92	- 1.22
Goose Creek	bbl.	.92	- 1.23
High Island	bbl.	.92	- 1.23
Hull	bbl.	.92	- 1.22
Humble	bbl.	.92	- 1.23
Liberty	bbl.	.92	- 1.23
Markham	bbl.	.92	- 1.22
Orange	bbl.	.92	- 1.22
Pettus	bbl.	1.26	- —
Pierce Junction	bbl.	.92	- 1.22
Port Lavaca	bbl.	.80	- —
Refugio, heavy	bbl.	.90	- —
light	bbl.	.92	- 1.20
Saratoga	bbl.	.92	- 1.20
Sour Lake	bbl.	.92	- 1.22
Spindle Top	bbl.	.92	- 1.22
Sugarland	bbl.	.92	- 1.22
Terry	bbl.	.92	- 1.22
West Columbia	bbl.	.92	- 1.20

Kentucky, Tennessee:—

Oil City, in Stoll lines	bbl.	.100	- —
Somerset	bbl.	1.30	- 1.90
Western Kentucky, all gravities	bbl.	1.22	- —

Louisiana, Arkansas:—

Bosco	bbl.	1.02	- —
Bull Bayou	bbl.	.71	- 1.06
Caddo	bbl.	.76	- 1.10
Cameron Meadows	bbl.	.82	- 1.13
Cotton Valley	bbl.	.76	- 1.10
De Soto	bbl.	.76	- 1.10
El Dorado	bbl.	.76	- 1.10
Haynesville	bbl.	.76	- 1.10
Homer	bbl.	.76	- 1.10
Iowa	bbl.	.72	- 1.06
Lockport	bbl.	.92	- 1.20
Miller County	bbl.	.76	- 1.10
Nevada	bbl.	.65	- —
Pine Island	bbl.	.94	- 1.06
Rodessa	bbl.	.76	- 1.10
Smackover	bbl.	.75	- .80
Urania	bbl.	.97	- —

Mexico, f.o.b. terminals, Mexican ports—based on contract:—

Panuco	bbl.	1.60	- —
Tax, 12.851c. per bbl.			
Tuxpan	bbl.	No prices	
Tax, 21.030c. per bbl.			

Midcontinent:—

Corsicana	bbl.	.80	- —
North Texas	bbl.	.86	- 1.18
Oklahoma-Kansas	bbl.	.86	- 1.18

Pennsylvania, Ohio, West Virginia:—

Bradford-Allegany	bbl.	2.45	- —
Corning	bbl.	1.32	- —
Pennsylvania grade, in Buckeye lines	bbl.	1.97	- —
Eureka lines	bbl.	2.12	- —
S.W. Penn lines	bbl.	2.17	- —
lower district in National Transit lines	bbl.	2.27	- 2.45

Rocky Mountain:—

Big Muddy	bbl.	1.11	- —
Cat Creek	bbl.	1.07	- —
Elk Basin	bbl.	1.14	- —
Frannie, heavy	bbl.	.62	- —
light	bbl.	.70	- —
Grass Creek, heavy	bbl.	.62	- —
light	bbl.	1.18	- —
Greybull	bbl.	1.26	- —
Lance Creek	bbl.	.75	- —
Pondera	bbl.	1.05	- —
Rock Creek	bbl.	1.08½	- —
Salt Creek	bbl.	.96	- 1.18
Sunburst	bbl.	1.15	- —

South, Central and Southwestern Texas:—

Cass County	bbl.	.86	- 1.10
Darst Creek	bbl.	.97	- 1.06
Luling	bbl.	.92	- —
Lytton Springs	bbl.	1.06	- —
Mirando	bbl.	.90	- —
Panola County	bbl.	.84	- 1.06
Salt Flat	bbl.	1.02	- —
Saxet	bbl.	.90	- —
Tomball	bbl.	1.20	- —
Van	bbl.	.79	- 1.06

Texas Panhandle:—

Carson-Hutchinson counties	bbl.	.81	- .82
Gray County	bbl.	.86	- .90

West Texas:—

Artesia, N. M.	bbl.	.75	- —
Crane	bbl.	.75	- .90
Crockett	bbl.	.75	- .90
Motor	bbl.	.75	- .90
Glasscock	bbl.	.75	- .90
Hobbs, N. M.	bbl.	.65	- —
Hogback	bbl.	1.21	- —
Howard	bbl.	.75	- .90
Jackson, N. M.	bbl.	.75	- —
Lea, N. M.	bbl.	.75	- .90
Maljamar, N. M.	bbl.	.75	- —
Mitchell	bbl.	.80	- —
Pecos	bbl.	.75	- .90
Upton	bbl.	.75	- .90
Winkler	bbl.	.85	- —

Petroleum, crude, bulk, at wells:—

ether, 50-60°, dms., c.l., G.S.	gal.	.15	- —
l.c.l., G.S.	gal.	.17	- —
tanks, G.S.	gal.	.12	- —
35-50°, dms., l.c.l., G.S.	gal.	.05	- —
40-75°, dms., c.l., G.S.	gal.	.15	- —
l.c.l., G.S.	gal.	.16	- —
tanks, G.S.	gal.	.12	- —
laboratory grade, dms., c.l., G.S.	gal.	.16	- —
l.c.l., G.S.	gal.	.26	- —
10-gal. lots, G.S.	gal.	.50	- —

Lacquer, diluent, at refinery:—

California, 49-51, 225 i.b.p., 335 e.p., tanks	gal.	.12	- —
58-62, 160 i.b.p., 370 e.p., tanks, delvd. Los Angeles	gal.	.10½	- —
San Francisco	gal.	.11	- —
f.o.b. Richmond	gal.	.11½	- —
Willbridge, Ore.; Pt. Wells, Wash.	gal.	.12	- —
61-68, 149 i.b.p., 375 e.p., tanks	gal.	.12	- —
East Coast, tanks	gal.	.12	- .15½
drums	gal.	.19	- —
Group 3, tanks	gal.	.07½	- .08½

Naphtha, cleaners, at refinery:—

East Coast, tanks	gal.	.06½	- —
Group 3, tanks	gal.	.07⅝	- .07⅞
tankwagon, Boston, ex-tax	gal.	.18	- —
Chicago, inc. 3c .tax	gal.	.155	- —
Decatur, inc. 3c. tax	gal.	.179	- —
Des Moines, inc. 3c. tax	gal.	.177	- —
Evansville, Ind., ex tax	gal.	.143	- .153
Milwaukee, inc. 4c. tax	gal.	.192	- —
Minneapolis-St. Paul, inc. 3c. tax	gal.	.183	- —
Newark, ex tax	gal.	.12½	- —
New York, ex tax	lb.	.11½	- —
Omaha, ex tax	gal.	.149	- .159
Philadelphia, ex tax	gal.	.13	- —
St. Louis, ex tax	gal.	.146	- —

Solvent, rubber, at refinery:—

California, 60.2-63.5, 167 i.b.p., 280 e.p., tanks, inc. tax	gal.	.14	- .14½
63.8, 104 i.b.p., 298 e.p., tanks, inc. tax	gal.	.14	- .14½
East Coast, tanks	gal.	.09½	- —
Group 2, light, 120 i.b.p., 260 e.p., tanks	gal.	.97⅛	- .97⅛
standard, 180 i.b.p., 288 e.p., tanks	gal.	.97⅛	- .97⅛

Stoddard (CS 2-28), at refinery):—

East Coast, tanks	gal.	.09½	- —
Group 3, tanks	gal.	.06⅝	- .07
tankwagon, Boston, ex tax	gal.	13¼	- —
Chicago, inc. 3c. tax	gal.	.15	- —
Decatur, inc. 3c. tax	gal.	.169	- —
Des Moines, inc. 3c. tax	gal.	.167	- —
Evansville, Ind., ex tax	gal.	.136	- .146
Milwaukee, inc. 4c. tax	gal.	.182	- —
Minneapolis-St. Paul, inc. 4c. tax	gal.	.164	- —
Newark, ex tax	gal.	.10½	- —
New Orleans, ex tax	gal.	.11	- —
New York, ex tax	gal.	.10½	- —
Oklahoma City, ex tax	gal.	.13	- .13
Omaha, ex tax	gal.	.13	- .14
Philadelphia, ex tax	gal.	.11¼	- —
St. Louis, ex tax	gal.	.125	- —
Tulsa, ex tax	gal.	.10	- .11

Thinner, at refinery:—

California, 34, 325 i.b.p., 390 e.p., low anilin, tanks, f.o.b. Los Angeles	gal.	.14	- —
Portland, Ore.	gal.	.15	- —
Richmond	gal.	.13½	- —
Seattle, Wash.	gal.	.15½	- —
44, 311 i.b.p., 385 e.p., tanks, f.o.b. Point Wells, Wash.; Willbridge, Ore.	gal.	.11½	- —
Richmond	gal.	.11	- —
Southern Calif'nia	gal.	.10½	- —
55-56, 200 i.b.p., 305 e.p., tanks, f.o.b. El Segundo	gal.	.11	- —
Portland, Ore.	gal.	.12	- —
Richmond	gal.	.11½	- —
Seattle, Wash.	gal.	.12	- —
East Coast, 43-47, tanks	gal.	.09	- .10
47-49, tanks	gal.	.09	- —
Group 3, tanks	gal.	.06½	- .06½
Pennsylvania, tanks	gal.	.06⅝	- —

tankwagon, tax included:—

Albany	gal.	.11	- —
Baltimore	gal.	.12	- .13
Binghamton, N. Y.	gal.	.14	- .16
Boston	gal.	.12	- .13
Bridgeport, Conn.	gal.	.13	- —
Buffalo	gal.	.12½	- —
Camden, N. J.	gal.	.11	- .13
Chicago	gal.	.162	- —
Decatur, Ill.	gal.	.169	- —
Des Moines	gal.	.167	- —
Evansville, Ind.	gal.	.136	- .146
Milwaukee	gal.	.182	- —
Minneapolis-St. Paul	gal.	.173	- —
Newark	gal.	.10½	- —
New York (200 gals.)	gal.	.10½	- —
smaller lots	gal.	.11	- —

Petroleum thinner, tankwagon, tax included:—

Omaha	gal.	.139	- .149
Philadelphia	gal.	.115	- .135
Pittsburgh	gal.	.12	- .14
Providence	gal.	.13	- .13
Rochester	gal.	.12	- .16
St. Louis	gal.	.136	- —
Syracuse	gal.	.13	- .15
Trenton	gal.	.11¼	- .13½
Wilmington, Del.	gal.	.15	- —
contracts, 1,000 gals.	gal.	.12	- —
Phenobarbital, bots.	lb.	4.50	- 4.65
Phenol, USP, dms, c.l., works, frt. equald.	lb.	.14½	- —
l.c.l., same basis	lb.	.15	- —
tins, c.l., same basis	lb.	.15½	- —
l.c.l., same basis	lb.	.16	- —
Phenolphthalein, USP, bbls., dms., 2,000 lbs.	lb.	.75	- —
bbls., dms., kegs, 100-250 lbs.	lb.	.77	- —
yellow, bbls.	lb.	.70	- —
Phenyl chloride, dms.	lb.	.16	- —
Phenylacetalhedyde, bots.	lb.	3.50	- 6.75
Phenylhydrazin hydrochloride, CP, bots., works.	lb.	3.30	- 5.10
commercial, kgs., works.	lb.	2.30	- 3.50
pure, bots., works	lb.	2.95	- 5.25
Phloroglucinol, CP, tins, works.	lb.	20.00	-22.00
tech., tins, works	lb.	15.00	-16.50
Phosphate rock, Fla., high-grade, hard, 77% basis, 76% min., bulk, mines	long ton.	4.35	- —
land pebble, 68% min., bulk, mines	long ton.	1.85	- —
70% min., bulk, mines	long ton.	2.35	- —
72% min., bulk, mines	long ton.	2.85	- —
75% basis, 74% min., bulk mines	long-ton.	3.35	- —
Tenn., 72%, bulk, mines	long ton.	4.50	- —
75%, bulk, mines	long ton.	5.50	- —
Phosphorus, red, cs.	lb.	.40	- .44
Yellow, cs.	lb.	.28	- .37½
Oxychloride, cyls.	lb.	.16	- .20
Sesquisulphide, cs.	lb.	.32	- .42
Trichloride, cyls.	lb.	.16	- .20
Pathalic anhydride, dms., c.l., works, frt. alld. E. of Miss. R.	lb.	.14½	- —
l.c.l., same basis	lb.	.15½	- —
Pichi leaves, bgs.	lb.	.06	- .10
Pilocarpine hydrochloride, bots., vls.	oz.	2.50	- 2.75
Nitrate, bots., vls.	oz.	2.40	- 2.65
Pimento, bgs.	lb.	.15⅝	- .16¼
Pinkroot, bls.	lb.	.35	- .50
Pitch, Burgundy (see B).			
Coaltar, 160° m.p., bbls., c.l., works.	ton.	19.00	- —
l.c.l.	ton.	22.00	- —
Hardwood, 1-time, dm., c.l., dlvd. Akron.	ton.	20.00	-21.00
f.o.b. works	ton.	15.00	- —
Linseed, dms.	lb.	.04½	- .05
Petroleum (see Asphaltum, Mexican, Texas).			
Pine, bbls.	bbl.	4.50	- 4.75
Stearin, dms.	lb.	.03	- .04½
Plaster of paris (see Gypsum).			
Pleurisy root, bls.	lb.	.12	- .18
Podophyllin, cns.	lb.	3.00	- 3.25
Poke root, bls.	lb.	.06½	- .07
Pomegranate bark, bgs.	lb.	.18	- .19
Root bark, bgs.	lb.	.40	- .41
Poppy flowers, red, bls.	lb.	.35	- .40
Seed, Dutch, bgs.	lb.	.07	- .07½
Polish, bgs.	lb.	.07	- .07½
Potash acetate, USP, bbls., kgs.	lb.	.26	- .32
50% sol., bbls.	lb.	.06½	- .09
Bicarbonate, USP, cryst., bbls.	lb.	.09	- .12
gran., bbls.	lb.	.10	- .12
Bichromate, bbls.	lb.	.06½	- .09
Binoxalate, dms.	lb.	.25	- —
Bisulphate, kgs.	lb.	.15½	- .19
Bromide, bbls.	lb.	.31	- .32
Carbonate, calc., 96-100%, cks.	lb.	.06½	- .09
96-98%, cks., c.l., Bost., Balto. arrival	lb.	.06⅝	- —
l.c.l., 5 or over, same basis	lb.	.07¼	- —
N. Y. arrival	lb.	.07½	- —
N. Y. stocks	lb.	.07⅝	- —
less than 5, Bost., Balto. arrival	lb.	.07½	- —
N. Y. arrival	lb.	.07⅝	- —
N. Y. stocks	lb.	.07⅝	- —
80-85%, cks.	lb.	.07¼	- .07½
hydrated, 82-88%, bbls., c.l., works	lb.	.06	- —
l.c.l., 10 or over	lb.	.06¼	- —
1-9	lb.	.06⅝	- —
liquid, dms., dlvd.	lb.	.06½	- .08⅝
USP, gran., bbls.	lb.	.14	- —
powd., bbls.	lb.	.17	- —
Caustic, flake, 88-92%, dom., dms., c.l., works.	lb.	.07	- —
l.c.l.	lb.	.07¼	- .07⅝
import., dms.	lb.	.07	- .07⅝
liquid, 45% basis, dms.	lb.	.03½	- .03½
tanks	lb.	.02⅝	- —
solid, 88-92%, dom., dms., c.l., works.	lb.	.06¼	- —
l.c.l.	lb.	.06½	- .06⅝
import., cakes	lb.	.06½	- .06⅝
Chlorate cryst., kgs.	lb.	.05¼	- .09½
gran., kgs.	lb.	.12	- .13
powd., kgs.	lb.	.06¼	- .06⅝
Chloride, tech., 98% cryst., bbls.	lb.	.04	- .04½
Chromate, kgs.	lb.	.23	- .26
Citrate, USP, gran., bbls., 250 lbs.	lb.	.35	- —
kgs., 100 lbs.	lb.	.36	- —
cns., 50 lbs.	lb.	.37	- —
cns., 25 lbs.	lb.	.39	- .40
Cyanide, cns., dms.	lb.	.55	- .60
Glycerophosphate, 75% sol., cns., 100 lbs.	lb.	1.25	- 1.30
Guaiacolsulphonate, cns.	lb.	1.65	- 1.70
Hydroxide, USP, sticks, cns.	lb.	.36	- .37
Hypophosphite, cns.	lb.	.72	- .77
Iodate, bbls.	lb.	3.20	- 3.25
Iodide, bbls., fib. dms.	lb.	1.10	- 1.15
Kainit, high-grade, 20% K_2O, bulk, c.l.f. ports.	ton.	12.00	- —

Prices for potash kainit, manure salt, muriate, sulphate and potash magnesia-sulphate are subject to discount according to time orders are placed and time of delivery. See fertilizer market report for particulars.

Manure salt, dom., 20%, K_2O, bulk, c.l.f. ports.	ton.	12.00	- —
run of mine, approx. 30% K_2O, bulk, c.l.f. ports, unit-ton.		.55	- —
import., 30% K_2O, bulk, shipt. unit-ton.		.55	- —
Metabisulphite, kgs.	lb.	.15	- —
Muriate, dom., all strengths, min. 50% K_2O, bulk.	unit-ton.	.50	- —
import., all strengths, min. 80% KCl, basis 50% K_2O, bulk, c.l.f. ports.	unit-ton.	.50	- —

Potash muriate prices in bags are $1 ton higher than bulk price.

Oxalate, pure, cryst., kgs.	lb.	.20	- .21
tech., bbls.	lb.	.28	- .30
Perchlorate, kgs., works	lb.	.09	- .11

Pet., Crude—Red, Cadmium

Potash, permanganate, tech., dms.	lb.	.18½	- .19
Prussiate, red, bbls.	lb.	.35	- .37
Yellow, bbls.	lb.	.16	- .17
Silicate alkaline, lump, bags.	lb.	.07	- —
Sulphate, NF, bbls.	lb.	.13	- .14
tech., 90-95%, min. 90%, bgs., shipt., c.l.f. ports	ton.	36.25	- —
Vegetable, bulk, f.o.b. Balto.	ton.	19.97	Nom.
Xanthate, dms., c.l.	lb.	.13	- —
l.c.l.	lb.	.13½	- —
Potash-magnesia sulphate, 48-53%, min. 48%, bgs., shipt.	ton.	24.75	- —
Potash-titanium oxalate, kgs.	lb.	.33	- .35
Prickly ash bark, bls.	lb.	.11½	- .15
Berries, bls.	lb.	.15	- .16
Prince's pine herb, bls.	lb.	.15	- .16
Propane, tanks, G.S.	gal.	.05	- .04½
Psyllium seed (see Fleaseed).			
Pulsatilla, bls.	lb.	.15	- .18
Pumice stone, Italian, Amer.-grd., 4F, 2F, 2F, 1½F, and coarser, bbls., 2 or over, works.	lb.	.05	- —
less than 2, works.	lb.	.03½	- —
F and 1, bbls., 2 or over, works.	lb.	.03½	- —
less than 2, works.	lb.	.04	- —
0, 0-½, 0-¾, and ½, bbls., 2 or over, works.	lb.	.04	- —
less than 2, works.	lb.	.04½	- —
Ital.-grd., bgs., c.l., shipt., ex dock, N. Y.	ton.	33.00	Nom.
l.c.l., 5-20 tons, ex whse.	ton.	28.00	- —
1,000-10,000 lbs., ex whse.	ton.	29.00	- —
2 bgs. to 1,000 lbs., ex whse.	ton.	41.00	- —
single bgs., ex whse.	ton.	46.00	- —
Pumpkin seed, bgs.	lb.	.11	- .14
Purple lake (see Red).			
Putty, com'l, dms.	100 lbs.	3.00	- —
linseed oil, raw, dms.	100 lbs.	4.75	- —
refined, dms.	100 lbs.	5.25	- —
standard, dms.	100 lbs.	3.75	- —
Pyrethrum concentrate, liq. (20 to 1), basis 2.4% pyrethrins (Seil test) dms. (incl.) frt. alld. E. of Rockies, standard brand.	gal.	4.25	- 4.60
standard make.	gal.	4.25	- 4.60
basis 2.6% pyrethrins, dms. (incl.) frt. alld. E. of Rockies, standard brand.	gal.	5.25	- 5.60
Pyrethrum flowers, coarse, grnd. (g.f.p), Japan, bgs., 15 tons or over.	lb.	.11½	- —
fine powd., Dalmat., bbls., kgs.	lb.	.14	- .18
Japan, bbls., 5 tons.	lb.	.14	- —
Pyridin, denaturing, dms.	gal.	1.20	- —
refd., 2°, dms.	lb.	.40	- —
Pyrites, Spanish, bulk, c.l.f. Atl. ports.	unit-ton.	.12-	.13 Nom.
Pyrocatechin, CP, cryst., works, fib. dms., tins.	lb.	2.15	- 2.40
resublimed, fib. dms., tins.	lb.	4.60	- —

Q

Quassia, chips, bls.	lb.	.06	- .07
Quebracho extract, liquid, 35% tan., bbls., works.	lb.	.03½	- —
tanks, works	lb.	.02¾	- —
solid, 63%, bgs., c.l., ex dock, plus duty.	lb.	.03½	- —
clarified, 64%, bgs., c.l., same basis.	lb.	.04½	- —
Queen of the meadow herb, bgs.	lb.	.06	- .07
Root, bgs.	lb.	.06	- .07
Quercitron extract, liquid, 51°, bbls.	lb.	.06	- .08
solid, dms.	lb.	.10	- .13
Quicksilver, dom., flasks (76 lbs. net), dlvd., N. Y.	flask.	90.00	-92.00
Quince seed, bgs.	lb.	.45	- 1.85
Quinidine, cryst., small, cns.	oz.	.96	- —
large, cns.	oz.	.98	- —
pwd., precip., cans.	oz.	.91	- —
Sulphate, cns.	oz.	.87	- —
Quinine, 100 ozs., cns.	oz.	.74	- —
Acetate, cns.	oz.	.98	- —
Arsenate, cns.	oz.	.98	- —
Arsenite, cns.	oz.	1.00	- —
Bisulphate, cns.	oz.	.53	- —
Citrate, cns.	oz.	.71	- —
Dihydrobromide, bots.	oz.	.74	- —
Dihydrochloride, bots.	oz.	.74	- —
Ethylcarbonate, cns.	oz.	.74	- —
Ferrocyanide, cns.	oz.	1.00	- —
Formate, cns.	oz.	.93	- —
Glycerophosphate, cns.	oz.	1.13	- —
Hydrochloride, cns.	oz.	.66½	- —
Hydrochlorosulphate, cns.	oz.	.74	- —
Hydroiodide, cns.	oz.	.98	- —
Hypophosphite, cns.	oz.	.98	- —
Phosphate, cns.	oz.	.81	- —
Salicylate, cns.	oz.	.73	- —
Sulphate, U.S.P. X, cns.	oz.	.53	- —
U.S.P. XI, cns.	oz.	.50½	- —
Sulphocarbolate, cns.	oz.	.96	- —
Tannate, cns.	oz.	.57	- —
Tartrate, cns.	oz.	.96	- —
Valerate, cns.	oz.	.92	- —
Quinine-urea hydrochloride, cns.	oz.	.74	- —

R

R salt, bbls.	lb.	.89	- .97
Rapeseed, Belgian, bgs.	lb.	.05½	- .05½
Dutch, bgs.	lb.	.05¼	- .05¾
Japanese, bgs.	lb.	.05½	- .05¾
Raspberries, dried, bbls.	lb.	.80	- .85
Red, alizarin lake, bbls., dlvd. N. of Tenn. and N.C., E. of Miss. R., including St. Paul, Minneapolis, Davenport, Rock Island, St. Louis.	lb.	1.10	- —

Alizarin lake prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport 1¼c.), Miss., N.C., S.C., Tenn., Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¼c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.

Amaranth (see Red, maroon, lake).			
Cadmium, lithopone, deep shade, bbls., ton lots, works, frt. alld.	lb.	.80	- —
smaller lots, same basis.	lb.	.85	- —
kgs., ton lots, same basis.	lb.	.85	- —
smaller lots, same basis.	lb.	.90	- —
light shade, bbls., ton lots, same basis.	lb.	.85	- —
smaller lots, same basis.	lb.	.70	- —
kgs., ton lots, same basis.	lb.	.70	- —
smaller lots, same basis.	lb.	.75	- —

Red, Cadmium—Sucrose

Red, cadmium, lithopone, light-medium shade, bbls., ton lots, same basis..lb. .70 - —
smaller lots, same basis. lb. .75 - —
kgs., ton lots, same basis. lb. .75 - —
smaller lots, same basis. lb. .80 - —
maroon shade, bbls., ton lots same basis..lb. .80 - —
smaller lots, same basis. lb. .85 - —
kgs., ton lots, same basis. lb. .85 - —
smaller lots, same basis. lb. 1.00 - —
medium shade, bbls., ton lots, same basis..lb. .75 - —
smaller lots, same basis. lb. .80 - —
kgs., ton lots, same basis. lb. .80 - —
smaller lots, same basis. lb. .85 -
selenide, bbls., ton lots.works. 2.00 - —
smaller lots, works.....lb. 2.50 - —
Orange, bbls., ton lots, works..lb. 1.50 - —
smaller lots, works....lb. 1.75 - —
Carmine 40, cns., 300 lbs....lb. 4.00 - —
100 lbs.....lb. 4.15 - —
11 lbs.....lb. 4.40 - —
Crocus martis (see Red, purple oxide).
Eosin, kgs.....lb. .65 - —
Indian, pure, bbls., f.o.b. Bethlehem, Easton, E. St. Louis, N.Y lb. .08½- —
50%-55%, bbls., same basis.lb. .07 - —
Iron oxide (see Red, oxide).
Lake C toner, bbls., same basis alizarin lake, contracts..lb. 1.35 - —
open order.....lb. 1.39 - —
Lithol toner, bbls., same basis alizarin lake, contracts..lb. .75 - —
open order.....lb. .80 - —
Lithol-rubin toner, bbls., same basis alizarin lake..lb. 1.05 - —
Maroon lake, 26%, kgs., same basis alizarin lake,contracts, lb. .40 - —
Oxide (see Red, purple oxide).
Mercury oxide, tech.,dom.,bbls., lb. 1.39 - —
Metallic, bbls., Pa., works..lb. .08 - —
Orange, Persian (see O).
Oxide, pure, bbls., c.l., works lb 06½- —
l.c.l., works.....lb. .09½- —
reduced, 85% copperas oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, E. St. Louis, New Castle, N. Y..lb. .06¼- —
50% copperas oxide, bbls., same basis..lb. .07½- —
Para toner, concent., kgs., same basis alizarin lake, contracts..lb. .75 - —
open order..lb. .80 - —
Persian Gulf oxide, bbls., l.c.l., f.o.b. Bethlehem, Easton, N.Y..lb. .04½- —
ex whse., Chicago, St. Louis..lb. .04½- —
San Fran., Los Ang., Portland, Seattle....lb. .05 - —
Purple lake, 2gs.....lb. .60 - 1.00
Oxide, bbls., f.o.b. Bethlehem, Easton, E. St. Louis..lb. .05 - —
Toner, kgs.....lb. 1.50 - 2.00
Rose lake, bbls.....lb. .20 - .30
Pink, bbls.....lb. .15 - .20
Scarlet ink toner, kgs., same basis alizarin lake..lb. .45 - —
Lake, kgs.,same basis alizarin lake..lb. .25 - .30
Spanish oxide, 1, bbls., c.l., f.o.b. N.Y. Pa. ship pt. or ex dock N. Orleans, Philа.lb. .03½ Nom.
f.o.b. St. Louis.....lb. .03¾ Nom.
l.c.l., f.o.b. Bethlehem, Easton, N.Y. N. Orleans, Philа..lb. .03¾ Nom.
St. Louis.....lb. .04 Nom.
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .04½ Nom.
ex whse., Chgo., Cleve., Pgh..lb. .04¼ Nom.
2 bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Philа..lb. .02¾ Nom.
f.o.b. St. Louis.....lb. .03 Nom.
l.c.l., f.o.b. Bethlehem, Easton, N.Y., N. Orleans, Philа..lb. .03 Nom.
St. Louis.....lb. .03¼ Nom.
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾ Nom.
ex whse., Chgo., Cleve., Pgh..lb. .03½ Nom.
3, bbls., c.l., f.o.b. N.Y., Pa., ship pt. or ex dock N. Orleans, Philа..lb. .0265 Nom.
f.o.b. St. Louis.....lb. .0290 Nom.
l.c.l., f.o.b. Bethlehem, Easton, N. Orleans, N.Y., Philа..lb. .0290 Nom.
St. Louis.....lb. .0315 Nom.
ex dock or ex whse., San Fran., Los Ang., Port., Seat..lb. .03¾ Nom.
ex whse., Chgo., Cleve., Pgh..lb. .0340 Nom.
Teinidin toner, kgs., same basis alizarin lake..lb. 1.35 - —
Tuscan, 1, bbls., f.o.b. N. Y., E. St. Louis..lb. .25½- —
2, bbls., same basis.....lb. .30½- —
3, bbls., same basis.....lb. .23½- —
4, bbls., same basis.....lb. .32½- —
5, bbls., same basis.....lb. .34 - —
6, bbls., same basis.....lb. .34 - —
7, bbls., same basis.....lb. .34 - —
8, bbls., same basis.....lb. .33 - —
9, bbls., same basis.....lb. .11½- —
10, bbls., same basis.....lb. .18¾- —
Venetian, bbls., works.....lb. .0190- —
10%, bbls., works.....lb. .0215- —
15%, bbls., works.....lb. .02¼- —
20%, bbls., works.....lb. .02½- —
25%, bbls., works.....lb. .02¾- —
30%, bbls., works.....lb. .03 - —
35%, bbls., works.....lb. .0335- —
40%, bbls., works.....lb. .03¾- —
Vermillion, American, bbls., same basis alizarin lake..lb. .15 - —
English quicksilver, bbls., 500-lbs..lb. 1.69 - —
smaller lots.....lb. 1.70 - 1.75
Red dyes are listed under Dyes.
Red precipitate, U.S.P. IX bxs., fib. dms., kgs., 100-lbs..lb. 1.64 - —
Red saunders wood, ground, bbls. lb. .13 - 17
Resorcinol, tech., cns., works..lb. .75 - .80
USP, cryst., cns., kgs.,works.lb. 1.80 - 1.85
Rhatany root, bgs.....lb. .08½- .10
Rhodinol, bots.....lb. 5.75 - 9.00
Rhubarb, root, bbls., cs., kgs..lb. .20 - .21
powd., bbls., kgs.....lb. .24 - .25
Rochelle salt, cryst., bbls.....lb. .14 - —
powd., bbls.....lb. .13 - —
Rose flowers, pale, bls.....lb. .23 - .25
Red, bls.....lb. 2.00 - 2.10
Water, triple.....djn. 4.75 - 5.00
Rosemary flowers, bls.....lb. .35 - .40
Leaves, bls.....lb. .05 - .05½
Rosin, gum, B, bbls., ex dock. 258 lbs. 8.00 - —
D, bbls.....280 lbs. 8.00 - —
E, bbls.....280 lbs. 8.00 - —
F, bbls.....280 lbs. 8.00 - —
G, bbls.....280 lbs. 8.00 - —
H, bbls.....280 lbs. 8.00 - —
I, bbls.....280 lbs. 8.00 - —
K, bbls.....280 lbs. 8.00 - —
M, bbls.....280 lbs. 8.00 - —
N, bbls.....280 lbs. 8.00 - —
W. G., bbls.....280 lbs. 8.05 - —
W. W., bbls.....280 lbs. 8.85 - —
X, bbls.....280 lbs. 8.85 - —
Wood, F.F., bbls., spot.280 lbs. 7.47 - 8.50
works .....280 lbs. 6.75 - —
K, bbls, spot.....280 lbs. 7.17 - 8.20
works .....280 lbs. 6.85 - —
M, bbls., spot.....280 lbs. 7.32 - 8.35
works .....280 lbs. 6.60 - —
N, bbls., spot.....280 lbs. 7.92 - 8.95
works .....280 lbs. 7.20 - —
Rottenstone, dom., bgs., c.l.,f.o.b. mines..ton.85.00 - —
l.c.l., ex whse.....ton.50.00 - —
Import., lump, bbls.....lb. .12 - —
powd., bbls.....lb. .08½- .10
Rue, bls.....lb. .21 - .22

S

Sabadilla seed, powd., bbls....lb. .21 - .23
Saccharin, cns., 1,000 lbs.....lb. 1.70 - —
smaller lots.....lb. 1.75 - 1.90
Safflower, bls.....lb. .27 - .28
Saffron, Mexican, bls.....lb. .50 - .53
Spaniah, tins .....lb.14.00 -15.00
Safrol, cns.....lb. .57 - —
dms. .....lb. .54 - —
lb. .07 - .07½
stemless, bls.....lb. .06¼- .06½
Salicin, cns.....lb. 4.00 - 4.25
Salol, kgs.....lb. .90 - .95
Salt, reclaimed, ogs., c.l., dlvd., N. Y..ton.12.40 - —
vacuum, common, fine, bgs.,c.l., dlvd. N.Y..ton.14.00 -14.50
l.c.l., dlvd. N.Y.....ton.17.00 - —
Saltcake, grd., dom., bbls.,works. ton.19.00 -20.00
bulk, works.....ton.12.00 -16.00
Import, bulk, c.i.f.....ton.12.00 -12.50
Chrome (see Chrome cake).
Saltpeter, crude (see Potash nitrate).
dbl. refined, cryst., bbls., 25 to c.l.....100 lbs. 6.50 - 7.00
5-24 .....100 lbs. 7.00 - 7.10
1-4 .....100 lbs. 7.25 - 8.00
gran., bbls., 25 to c.l.100 lbs. 5.90 - —
5-24 .....100 lbs. 6.00 - —
1-4 .....100 lbs. 6.25 - —
powd., bbls., 25 to c.l.100 lbs. 6.00 - —
5-24 .....100 lbs. 7.00 - —
1-4 .....100 lbs. 7.25 - —
Santonin, cryst., cns.....lb.43.00 -45.00
Saponin, cns.....lb. 1.45 - 1.50
Sarsaparilla root, Honduras, bls. lb. .45 - .50
Mexican, bls.....lb. .12 - .13
Sassafras bark, ord., bls.....lb. .11 - .13
select, bls.....lb. .21 - .22
Savory, bls.....lb. .07 - .07½
Saw palmetto berries, bgs.....lb. .25 - .26
Scammony root, bgs.....lb. .06 - .07
Scheaffer's salt, bgs.....lb. .45 - .50
Schlitz mixture, bbls.....lb. .11¼- —
kegs .....lb. .11¾- —
Seneca root, bls.....lb. .26 - .28
Senna leaves, Alexandria, bls.lb. .09 - .10
Tinnevelly, No. 1, bls.....lb. .11 - .12
2, bls.....lb. .07½- .08
3, bls.....lb. .06 - .07
powd., bbls., bxs.....lb. .09 - .10
siftings, bls.....lb. .09 - .10
Pods, bls.....lb. .06 - .07
Serpentaria root, bls.....lb. .55 - .60
Shellac, bleached, bonedry, bbls., f.o.b. N. Y..lb. .18 - .18½
dlvd. Boston.....lb. .18½- .19
Chicago .....lb. .19 - .19½
Pacific Coast.....lb. .21 - .21½
refd., bbls., f.o.b. N.Y.....lb. .24 - —
dlvd. Boston .....lb. .24½- —
Chicago .....lb. .25 - —
Pacific Coast.....lb. .27 - —
Garnet, bgs.....lb. .16 - .17
Orange, D.C., VSO., Diamond, cases..lb. .25 - .26
superfine, bgs., f.o.b. Bost., N.Y..lb. .14½- .15
dlvd. Chicago.....lb. .15½- .16
Pacific Coast.....lb. .17½- .18
T.N., bgs., f.o.b. Bost., N. Y. lb. .13½- .14
dlvd. Chicago.....lb. .14½- .15
Pacific Coast.....lb. .16½- .17
Varnish, orange, 5-lb. cut, bbls, lb. .90 - 1.00
4½-lb. cut., bbls.....gal. .85 - .95
4-lb. cut, bbls.....gal. .80 - .90
white, 5-lb. cut, bbls.....gal. 1.05 - 1.15
4½-lb. cut, bbls.....gal. 1.00 - 1.10
4-lb. cut bbls.....gal. .95 - 1.05
Silica, amorph., dry-grd., 95-97% 325 mesh,bgs.,c.l.,works.ton.20.00 -
l.c.l., 2½ tons,works.ton.21.50 - —
smaller lots,works.ton.22.00 - —
95-97% 400 mesh, bgs., c.l., works..ton.35.00 - —
l.c.l., 2½ tons,works.ton.36.50 - —
smaller lots, works.ton.38.00 - —
wet-grd., 95-97%, 325 mesh, bgs., c.l., works. ton.21.00 - —
l.c.l., 2½ tons,works.ton.22.50 - —
smaller lots, works.ton.24.00 - —
96-99% 325 mesh, bgs., c.l., works..ton.32.00 - —
l.c.l., 2½ tons,works.ton.33.50 - —
smaller lots, works.ton.35.00 - —
99% 325 mesh, bgs., c.l., works..ton.24.00 - —
l.c.l., 2½ tons,works.ton.25.50 - —
smaller lots.....ton.27.00 - —
hard-quartz, 140 mesh, bgs., c.l., works..ton.14.00 - —
l.c.l., works.....ton.17.00 - —
Silver, bullion.....oz. .44¾- —
Govt. purchase.....oz. .7757- —
Silver nitrate, vls.....oz. .82½- .84½
Nucleinate, cns., 500 ozs....oz. .25 - .26
Proteinate, cns., 500 ozs....oz. .24 - .25
Simarubra bark, bls.....lb. .28 - .30
Skatol, bots.....oz. 4.00 -10.00
Skullcap, Eastern, bls.....lb. .20 - .23
Western, bls.....lb. .18 - .19
Skunk cabbage root, bls.....lb. .10 - .11
Slate flour, bgs., c.l., works.ton. 9.00 - —
l.c.l., works.....ton.10.00 -15.00
Sloe berries, bgs.....lb. .11. - .13
Smalt, black, extra velvet, bbls. lb. .05 - .06
Blue, bbls.....lb. .06¼- .07
Snakeroot, Canad., bls.....lb. .24 - .26
Soapbark, bls.....lb. .07 - .08
crushed, bls., bbls.....lb. .11 - .13
cut, bls., bbls.....lb. .09 - .10
powd., bbls.....lb. .13 - .14
Soda abietate, dms.....lb. .08 - —
Acetate, anhyd., dms.....lb. .09½- .12
flake, 60%, dms.....lb. .04½- .07
Alginate, dms.....lb. .04 - —
Antimoniate, bbls.....lb. .12 - .12½
Arsenate, dms.....lb. .09½- .11¼
Arsenite, liq., dms.....lb. .40 - .75
Soda, ash, dense, 58%, bgs., c.l., works..100 lbs. 1.25 - —
l.c.l., Zone 1.....100 lbs. 2.13 - —
1A .....100 lbs. 2.18 - —
2 .....100 lbs. 2.28 - —
3 .....100 lbs. 2.53 - —
4 .....100 lbs. 2.93 - —
5 .....100 lbs. 2.20 - —
bbls., c.l., works....100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.43 - —
2 .....100 lbs. 2.53 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 2.47 - —
bulk, c.l., works....100 lbs. 1.10 - —
extra light, 58%, bgs., c.l. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 2.06 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.86 - —
5 .....100 lbs. 2.20 - —
bbls., c.l.....100 lbs. 1.60 - —
l.c.l., Zone 1.....100 lbs. 2.47 - —
1A .....100 lbs. 2.52 - —
2 .....100 lbs. 2.62 - —
3 .....100 lbs. 2.87 - —
4 .....100 lbs. 3.27 - —
5 .....100 lbs. 2.57 - —
bulk, c.l.....100 lbs. 1.05 - —
light, 58%, bgs., c.l., works. 100 lbs. 1.23 - —
l.c.l., Zone 1.....100 lbs. 2.06 - —
1A .....100 lbs. 2.13 - —
2 .....100 lbs. 2.23 - —
3 .....100 lbs. 2.48 - —
4 .....100 lbs. 2.88 - —
5 .....100 lbs. 2.20 - —
Soda, ash, light 58%, bbls., c.l., works..100 lbs. 1.50 - —
l.c.l., Zone 1.....100 lbs. 2.37 - —
1A .....100 lbs. 2.43 - —
2 .....100 lbs. 2.53 - —
3 .....100 lbs. 2.77 - —
4 .....100 lbs. 3.17 - —
5 .....100 lbs. 2.47 - —
bulk, c.l.....100 lbs. 1.65 - —

Soda ash l.c.l. prices are for 5 or more pkgs. of one sort, dlvd. usual trucking distance of whse., or f.o.b. cars whse. pt.; less than 5 pkgs., add 15c. per 100 lbs.; ex-whse., deduct 10c. per 100 lbs. The sales zones are:—Zone 1, E. of Miss. R., but including Davenport and St. Louis, to S. bndry. of Va. and Ky.; Zone 1A, N. M. States (in Mo., N.M., Vt., special local prices apply for shipts. to various counties; Zone 2, Ala., Fla., Ga., Iowa (except Davenport), E. Kan. (incl. Wichita), Minn., Miss., Mo. (except St. Louis), N.C., Omaha, S.C., Tenn.; Zone 3, Ark., Kan. (W. of Wichita), La., Neb. (except Omaha), N.D., Okla., S.D., Tex. (except El Paso); Zone 4, Ariz., Colo., El Paso (Tex.), Idaho, Mont., Nev., N.M., Spokane, Utah, Wyo.; Zone 5, Calif., Ore., Wash. (except Spokane).

Benzoate, USP, kgs.....lb. .46 - .50
Bicarbonate, gran., bbls., c.l., works..100 lbs. 2.15 - —
powd., bbls.,c.l.,works.100 lbs. 1.75 - —
l.c.l., dlvd. N.Y....100 lbs. 2.40 - —
kgs., c.l.....100 lbs. 2.00 - —
l.c.l., dlvd. N.Y...100 lbs. 2.65 - —
Bichromate, cske.....lb. .06¾- .07
Bifluoride, bbls.....lb. .11¼- .13
Bisulphate (see Niter cake).
Bisulphite, powd., bbls., c.l., works..100 lbs. 2.25 - 2.85
l.c.l., works.....100 lbs. 2.50 - 3.00
solution, 35-40%, cbys., c.l. works..100 lbs. 1.95 - 2.10
Bromide, bbls.....lb. .31 - .32
Cacodylate, jars.....lb. 6.50 - 6.75
Carbonate (see Soda ash, soda monohydrated soda, sal).
Caustic, flake, 76%, grd.,powd., ammon. process, bbls., c.l., works..100 lbs. 3.25 - —
dms., c.l., works.100 lbs. 3.00 - —
l.c.l., Zone 1...100 lbs. 4.00 - —
1A .....100 lbs. 4.05 - —
2 .....100 lbs. 4.15 - —
3 .....100 lbs. 4.40 - —
4 .....100 lbs. 4.80 - —
5 .....100 lbs. 4.05 - —
electro, process, dms., c.l., works..100 lbs. 2.95 - —
l.c.l., same zone prices as ammon. process.
liquid, 47-49%, buyer's tanks, works..100 lbs. 2.22½- —
seller's tanks, works..... 100 lbs. 2.25 - —
76%, buyer's tanks, works, 100 lbs. 2.27½- —
seller's tanks, works..... 100 lbs. 2.30 - —
solid, 76%, ammon. process, dms., c.l.,works..100 lbs. 2.60 - —
l.c.l., Zone 1...100 lbs. 3.60 - —
1A .....100 lbs. 3.65 - —
2 .....100 lbs. 3.75 - —
3 .....100 lbs. 4.00 - —
4 .....100 lbs. 4.40 - —
5 .....100 lbs. 3.65 - —
electro process, dms., c.l., works..100 lbs. 2.55 - —
l.c.l., same zone prices as ammon. process.

Caustic soda l.c.l. prices are on the same basis as those for soda ash. The sales zones are also the same.

Chlorate, dom., cryst., bgs., c.l., works..lb. .06¼- —
l.c.l., works .....lb. .06½- .08
powd., bgs., c.l., works..lb. .06¾- —
l.c.l., works.....lb. .07 .08½
Citrate, USP VIII, gran., bbls., 225 lbs..lb. .21 - —
cns., 50 lbs.....lb. .23 - —
25 lbs.....lb. .25 - .26
kgs., 100 lbs.....lb. .22 - —
USP X, gran., bbls., 250 lbs. lb. .27½- —
cns., 50 lbs.....lb. .29½- —
25 lbs.....lb. .31½- .32½
kgs., 100 lbs.....lb. .28½- —
powd., bbls., 250 lbs.....lb. .28 - —
cns., 50 lbs.....lb. .30 - —
25 lbs.....lb. .32 - .33
kgs., 100 lbs.....lb. .29 - —
Cyanide, 96-98%, dom., dms..lb. .15½- .17½
import., cs.....lb. .16¾- .17
Fluoride, white, 90%, bbls., c.l., f.o.b. Philа..lb. .07½- —
l.c.l., 10 or over, same basis..lb. .07¾- —
5-9, same basis.....lb. .08 - —
1-4, same basis.....lb. .08¼- —
96%, bbls., c.l., same basis. lb. .07½- —
l.c.l., 10 or over, same basis..lb. .08 - —
5-9, same basis.....lb. .08¼- —
1-4, same basis.....lb. .08¾- —
Soda fluoride prices at Los Angeles are f.a.s. Philа.
Glycerophosphate, cryst., bbls., cns., 100 lbs..lb. 1.15 - —
solution, 75%, cns.....lb. .90 - —
50%, cns.....lb. .55 - —
Hydrosulphate, bbls.....lb. .17 - —
Hydroxide, USP, sticks, cns., 100 lbs..lb. .23 - .24
Hypophosphite, cns.....lb. .67 - .72
Hyposulphite, cryst., large, bbls., 100 lbs. 2.40 - 2.65
pea, bbls.....100 lbs. 2.50 - 2.60
gran., bbls.....100 lbs. 2.75 - 2.80
Iodate, jars.....lb. 5.62 - 5.67
Iodide, jars.....lb. 1.80 - 1.85
Metasilicate, bgs.....lb. .41 - .45
Soda metasilicate, cryst., bbls., c.l., works..100 lbs. 2.75 - —
l.c.l., dlvd.....100 lbs 3.10 - 3.75
gran., bbls.,c.l.,works.100 lbs. 2.15 - —
l.c.l. dlvd.....100 lbs. 2.55 - 3.15
Molybdate, tech., anhyd., kgs., lb. .75 - .80
cryst., kgs.....lb. .65 - .70
Monohydrated, bbls.....100 lbs. 2.60 -
works .....100 lbs. 2.30 -
Naphthenate, bbls.....lb. .09 - —
Naphthionate, bbls.....lb. .43 - .44
Nitrate, crude, 100-lb. bgs., Nov. June dlvy., ports.....ton.27.50 - —
200-lb. bgs., same basis. ton.26.80 - —
bulk, same basis.....ton.25.50 - —
rfd., gran., bbls, 10-25.100 lbs. 2.25 - —
6-9 .....100 lbs. 2.40 - —
1-4 .....100 lbs. 2.65 - —
powd., bbls.....lb. .05½ Nom.
Nitrite, 96-98%, dom., bbls., c.l..lb. .0710- .0755
l.c.l. .....lb. .0825-.1175
Oxalate, neut., bbls., kgs....lb. .09 - .11
Perborate, NF, bbls.....lb. .17 - .18
Phosphate, dibasic, tech., bgs., c.l., works.....100 lbs. 1.75 - —
l.c.l., works.....100 lbs. 2.00 - 2.05
bbls., c.l., works....100 lbs. 1.95 - —
l.c.l., works.....100 lbs. 2.20 - 2.25
Monobasic, anhyd., bbls., c.l. 100 lbs. 7.51 -
l.c.l. .....100 lbs. 8.25 -
tribasic, bgs., c.l., works..... 100 lbs. 1.75 - —
l.c.l., works.....100 lbs. 2.00 - 2.05
bbls., c.l., works....100 lbs. 1.95 - —
l.c.l., works.....100 lbs. 2.20 - 2.25
kgs., c.l., works....100 lbs. 2.45 - —
l.c.l., works.....100 lbs. 2.70 - —
Picramate, kgs.....lb. .87 - .90
Prussiate, yellow, bbls., works, contracts..lb. .10 - —
spot .....lb. .11¼- —
Pyrophosphate, anhyd., bbls..lb. .10 - —
cryst., bbls.....lb. .08½- —
Sal, bgs., dlvd. N. Y....100 lbs. 1.30 - —
works .....100 lbs. 1.00 - —
bbls., dlvd. N.Y.....100 lbs. 1.30 - —
works .....100 lbs. 1.10 - —
Salicylate, bxs.....lb. .47 - —
Silicate, 40° turbid, dms., c.l., works..100 lbs. .90 - —
l.c.l., 5 or more, works... 100 lbs. 1.05 - —
1-4, works.....100 lbs. 1.20 - —
58°, dms., c.l., works.100 lbs. 1.95 - —
l.c.l., 5 or more, works... 100 lbs. 1.00 - —
1-4, works.....100 lbs. 1.70 - —
Silicofluoride, dom., bbls.....lb. .06½- .07
import, bbls.....lb. .06½- .07
Stannate, dms.....lb. .34 - .37
Stearate, lump, bbls, works..lb. .20 Nom.
powd., bbls., works.....lb. .24 - —
Sulphate, anhyd., bgs., 5 tons or over, dlvd. Bost., N.Y., Philа. areas, or f.o.b. Bost., Jersey City, N.Y., Norfolk, Philа., or frt.equald.100 lbs. 1.15 - —
less than 5 tons, same basis...100 lbs. 1.40 - —
bbls., 5 tons or over, same basis...100 lbs. 1.30 - —
less than 5 tons, same basis...100 lbs. 1.55 - —
cryst. (see Glauber's salt).
Sulphide, cryst., bbls., c.l., works...100 lbs. 2.25 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 2.75 - —
less than 5 tons, dlvd.. 100 lbs. 3.00 - —
flake, chips, broken, bbls., c.l. works..100 lbs. 3.50 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 4.00 - —
less than 5 tons, dlvd... 100 lbs. 4.25 - —
solid, bbls., c.l.,works.100 lbs. 3.75 - —
l.c.l., 5 tons or over, dlvd. 100 lbs. 3.50 - —
less than 5 tons, dlvd... 100 lbs. 3.75 - —
Sulphite, cryst., bgs....100 lbs. 2.10 - 2.25
bbls. .....100 lbs. 2.20 - 2.35
powd., bbls., c.l.....100 lbs. 2.25 - —
l.c.l., 5 or more....100 lbs. 2.50 - —
1-4 .....100 lbs. 2.00 - —
Sulphocarbolate, cs.....lb. .27 - .28
Sulphocyanide, dms., cns....lb. .26 - .27
Sulphoricinoleate, bbls.....lb. .13 - —
Thiosulphate (see hyposulphite)
Tungstate, CP, kgs.....lb. 1.30 - 1.40
tech., kgs.....lb. .35 - .39
Solvent naphtha, high-flash,dms., works, frt. equald..gal. .36 - —
tanks, same basis.....gal. .31 - —
Water-white, dms., works,gal. .35 - —
tanks, E. of Omaha, frt. alld..gal. .30 - —
W. of Omaha, works..gal. .30 - —
Sorbitol, com'l, syrup, dms., basis sorbitol cont., works. lb. .35 - —
Sparteine sulphate, cns.....oz. 1.10 - 1.15
Spearmint leaves, bls.....lb. .22 - .25
Spikenard root, bls.....lb. .12 - .15
Spruce extract, bbls., works...lb. .01½- —
tanks, works.....lb. .01 - —
powd., bgs.....lb. .04 - —
super, bbls., works.....lb. .01⅞- —
tanks, works .....lb. .01¾- —
Squawvine leaves, bls.....lb. .13 - .14
Squill, red, bls.....lb. .14 - .15
White, bls.....lb. .07 - .09
powd., bbls., bxs.....lb. .12 - .13
St. Ignatius beans, bgs.....lb. .31 - .32
St. John's bread, bls.....lb. .06 Nom.
Starch, corn, pearl, bgs...100 lbs. 3.80 - 4.00
powd., bgs.....lb. 3.90 - 4.10
Iodide, bots.....lb. 1.87 - 1.92
Potato, dom., bgs.....lb. .04½- .05½
import., bgs.....lb. .05 - .06
Rice, bbls.....lb. .07¼ Nom.
Wheat, bgs.....lb. .06¼- .06¾
Stavesacre seed, bgs.....lb. .35 - .40
Stearin, oleo, bbls.....lb. .09 - .09½
Stillingia root, bls.....lb. .08 - .09
Stoneroot, bls.....lb. .06½- .07
Storax, cs.....lb. .33 - .35
Stramonium leaves, bls.....lb. .09 - .10
Seed, bgs.....lb. .09 - .10
Strontium bromide, bbls.....lb. .50 - .51
Carbonate, pure, bbls.....lb. .30 - .31
Iodide, jars.....lb. 2.80 - 2.85
Nitrate, dom., works, bbls...lb. .06 - .09
import, bbls.....lb. .06½- .09
Strophanthus seed, Kombe,bgs.lb. 1.45 - 1.80
Strychnine, cryst., cns.....oz. .48 - .51
powd., cns.....oz. .38 - .41
Acetate, cns.....oz. .44 - —
Arsenate, cns.....oz. .46 - —
Arsenite, cns.....oz. .44 - —
Glycerophosphate, cns.....oz. .65 - —
Hydrochloride, cns.....oz. .44 - —
Hypophosphite, cns.....oz. .75 - —
Nitrate, cns.....oz. .53 - —
Phosphate, cryst., cns.....oz. .45 - —
Sulphate, cryst., cns.....oz. .42 - .45
powd., cns.....oz. .33 - .36
Sucrose octa-acetate, denat. grade, bbls., l.c.l., works..lb. .25 - —
tech., bbls., l.c.l., works....lb. .20 - —

Sugar coloring, bbls.	gal.	.65	- 1.05
Milk, bbls., c.l.	lb.	.13	- —
l.c.l., 10 or over	lb.	.15	- —
less than 10	lb.	.16	- .31
Sulphoethylmethane, kgs.	lb.	6.75	- 6.90
Sulphonmethane, kgs.	lb.	6.25	- 6.50
Sulphur, crude, bulk, 1,000 tons, mines, contracts	long ton.	18.00	- —
c.l., spot, nearby	long ton.	21.00	- —
ex vessel, Balto., N. Y., Phila., Southern ports	long ton.	23.00	-25.00
Bost., Portland	long ton.	22.50	-25.50
flowers, bgs.	100 lbs.	3.00	- 3.75
bbls.	100 lbs.	3.85	- 4.10
ref., broken, bgs.	100 lbs.	2.15	- 2.90
bbls.	100 lbs.	3.20	- 3.95
flour, com'l, bgs.	100 lbs.	1.60	- 2.35
bbls.	100 lbs.	1.95	- 2.70
rfd., ext. fine, bbls.	100 lbs.	2.20	- 2.95
heavy, bgs.	100 lbs.	2.55	- 3.30
bbls.	100 lbs.	2.90	- 3.65
light, bgs.	100 lbs.	2.65	- 3.40
bbls.	100 lbs.	3.00	- 3.75
roll, bgs.	100 lbs.	2.35	- 3.10
bbls.	100 lbs.	2.50	- 3.25
Chloride, dms., works	lb.	.03½-	.04
tanks, works	lb.	.03	- .04
Dioxide, liq., com'l, cyls., wks.	lb.	.07	- .09
multi-unit cars, works	lb.	.04½-	.07
tanks, works	lb.	.04	- .06
refrigeration, cyls., works	lb.	.11	- .15
multi-unit cars, works	lb.	.07½-	.10
Iodide, bots., jars	lb.	2.80	- 2.85
Sumac, Sicilian, grd., bgs.	ton.	55.00	- —
Extract, 43°, bbls.	lb.	.04½-	.06½
51°, bbls.	lb.	.06½-	.08½
Stainless, bbls.	lb.	.08½-	.09¾
Sumac, leaf, Sicilian, bls.	ton.	58.00	- —
Sunflower seed, Calif., large, bgs.	lb.	.07¼-	.07¾
medium, bgs.	lb.	.06¾-	.07
poultry, bgs.	lb.	No stocks	
Hungarian medium, bgs.	lb.	.07	- .07¼
Superphosphate, guaranteed 16%, bulk, f.o.b. cars, boat, Balto.	ton.	8.00	- —
run-of-pile, basis 16%, bulk, same basis	ton.	7.50	- —
triple, 44-45% a.p.a., bulk, f.o.b. Balto.	unit-ton.	.70	- —

T

Tale, dom., Calif., 1, bgs., c.l., mine	ton.	20.00	- —
2, bgs., c.l., mills	ton.	17.00	- —
N.Y., dibrous, 96-94% 325 mesh, bgs., c.l., mills.	ton.	13.00	- —
l.c.l., mills	ton.	15.00	- —
96-98% 325 mesh, bgs., c.l., mills	ton.	14.00	- —
l.c.l., mills	ton.	16.00	- —
exams, off color, bgs., c.l., mills	ton.	10.00	- —
Ohio, alum-magn. type, grd. bgs., c.l., mills	ton.	21.00	- —
l.c.l., mills	ton.	24.50	- —
Vermont, bgs., c.l., mills	ton.	14.00	- —
l.c.l., ex whse.	ton.	25.00	- —
Import., Canad., bgs., c.l., dlvd.	ton.	23.00	- —
l.c.l., dlvd.	ton.	25.50	- —
French, high-grade, bgs., l.c.l., ex whse.	ton.	45.00	-49.00
ordinary, bgs., c.l., ex dock, arrival	ton.	28.00	-45.00
l.c.l., ex whse.	ton.	37.50	-43.54
Italian, 1, bgs., ex dock, arrival	ton.	65.00	-67.00
ex whse.	ton.	85.00	- —
2, bgs., ex dock, arrival	ton.	60.00	-62.00
ex whse	ton.	75.00	- —
Tallow, animal, edible, bbls.	lb.	.08	Nom.
extra, loose, works	lb.	.07½-	—
special, loose, works	lb.	.07	- —
sulphonated, 35% (24% fat), dms., c.l.	lb.	.06	- —
l.c.l.	lb.	.06½-	—
50% (48% fat), dms., c.l.	lb.	.06½-	—
l.c.l.	lb.	.07	- —
50% (48% fat), dms., c.l.	lb.	.07	- —
l.c.l.	lb.	.07½-	—
Tamarinds, W. I., bbls.	lb.	.08½-	.09
kegs	keg	4.00	- 5.00
Tankage, animal, dom., grd., 10-15%, bulk, unit-ton.		3.75 &	.10
ungr., 10-15%, bulk, unit-ton.		3.75 &	.10
fertilizer grade, 11-15%, bulk, Chicago	unit-ton.	3.50 &	.10
high-grade feeding, bulk, Chicago	unit-ton.	4.10 &	.10 Nom.
import., S. Amer., bulk, c.i.f. ports, shipt., unit-ton		3.75 &	.10 Nom.
Tansy leaves, bls.	lb.	.18	- .20
Tapioca flour, bgs.	lb.	.03½-	.03½
Tar, pine, retort, bbls., dlvd. ports	gal.	.26	- —
dms., c.l., dlvd. E. cities	gal.	.26	- —
dlvd. ports	gal.	.25	- —
tanks, dlvd. E. cities	gal.	.20	- —
Tar acid oil, 15%, dms.	gal.	.32½-	.33½
25%, dms.	gal.	.34½-	.35½
Tartar emetic, tech., fine gran., bbls., 5 or more	lb.	.24¾-	—
less than 5	lb.	.25	- —
powd., bbls., 5 or more	lb.	.24¾-	—
less than 5	lb.	.25	- —
USP, powd., bbls.	lb.	.30	- .33½
Terebene, cns.	lb.	.70	- .75
Terpenyl acetate, cns.	lb.	.85	- 1.80
Terpin hydrate, kgs.	lb.	.45	- .46
Terpineol, CP, cns.	lb.	.26	- —
dms.	lb.	.22	- —
Alpha, denat. grade, dms., c.l.	lb.	.14¾-	—
contracts	lb.	.13¾-	—
tanks	lb.	.14	- —
contracts	lb.	.13	- —
Terra alba (see Gypsum).			
Tetrachloroethane, dms., works	lb.	.08	- .08½
Tetrachloroethylene, CP, dms.	lb.	.25	- .28
tech., dms.	lb.	.10	- .10½
Tetralin, dms.	lb.	.12	- —
Theobromine, cns.	lb.	1.85	- 1.95
Sodiosalicylate, cns.	lb.	1.65	- 1.75
Thiocarbanilide, dms.	lb.	.20	- —
Thorium nitrate, cs., works	lb.	2.20	- —
Thyme, French, bls.	lb.	.10¾-	.11
Thymol, bots., 100 lbs.	lb.	1.55	- —
smaller lots	lb.	1.60	- 1.85
Iodide, kgs., 50 lbs.	lb.	3.15	- 3.20
25 lbs.	lb.	3.25	- 3.30
Timbo root, powd., imp't., 5% rotenone, bbls., ex-dock, approved assay, 15 tons	lb.	.26½-	—
5 tons, same basis	lb.	.27	- —
4% rotenone prices 5c. per lb., less.			
Tin, crystals, bbls., kgs.	lb.	.38½-	.39
Metal, Straits	lb.	.51¾-	.52
Oxide, bbls.	lb.	.52	- .54
Tetrachloride, anhyd., bbls.	lb.	.25½-	—
Titanium, dioxide, bgs., c.l. (20 tons), E., frt. alld.	lb.	.16	- —
Pac. cst., f.o.b. terminals	lb.	.16	- —
l.c.l., 1,000-39,999 lbs., E. dlvd.	lb.	.16½-	—
Pac. cst., ex whse.	lb.	.16½-	—
50-999 lbs., E. dlvd.	lb.	.16¾-	—
Pac. cst., ex whse.	lb.	.16¾-	—
under 50 lbs., E. dlvd.	lb.	.19	- —
Pac. cst., ex whse.	lb.	.19	- —
Titanium dioxide, bbls., c.l. (20 tons) E., frt. alld.	lb.	.16½-	—
l.c.l., 1,000-39,999 lbs., E. dlvd.	lb.	.16¾-	—
50-999 lbs., E. dlvd.	lb.	.17	- —
pigment, barium base, bgs., 1,000-lb. lots, E. frt. alld.	lb.	.05¾-	—
Pac. cst., f.o.b. terminal.	lb.	.05¾-	—
50-999 lbs., E. dlvd.	lb.	.06	- —
Pac. cst., ex whse.	lb.	.06	- —
under 50 lbs., E. dlvd.	lb.	.06¾-	—
bbls., 1,000-lb. lots, E., frt. alld.	lb.	.06	- —
50-999 lbs., E. dlvd.	lb.	.06¼-	—
Pac. cst., ex whse.	lb.	.06	- —
under 50 lbs., E. dlvd.	lb.	.06¾-	—
calcium base, bgs., 1,000-lb. lots, E. frt. alld.	lb.	.05¾-	—
Pac. cst., f.o.b. terminal.	lb.	.05¾-	—
50-999 lbs., E. dlvd.	lb.	.06	- —
Pac. cst., ex whse.	lb.	.06	- —
under 50 lbs., E. dlvd.	lb.	.06¾-	—
bbls., 1,000-lb. lots, E. frt. alld.	lb.	.06	- —
50-999 lbs., E. dlvd.	lb.	.06¼-	—
Tolidin base, kgs.	lb.	.88	- .90
distilled, kgs.	lb.	.95	- 1.00
Tolu, balsams, cns.	lb.	.48	- .53
Toluidin, mixed, dms.	lb.	.27	- .28
Toluol (toluene), pure, dms., works	gal.	.35	- —
tanks, E. of Omaha, frt. alld.	gal.	.30	- —
W. of Omaha, works	gal.	.30	- —
Tonga vine, NF, bls.	lb.	.28	- .30
Tonka beans, Angostura, cks.	lb.	2.50	+ 2.60
Triacetin, dms.	lb.	.36	- —
Triamyl borate, dms., l.c.l., works.	lb.	.27	- —
Triamylamine, dms, l.c.l., works.	lb.	1.25	- —
Trichloroethylene, dms., c.l., works, frt. alld. E. of Rockies	lb.	.089	- —
W. of Rockies	lb.	.099	- —
l.c.l., works, frt. alld. E. of Rockies	lb.	.094	- —
W. of Rockies	lb.	.104	- —
Tricresyl phosphate, CP, cns., dlvd.	lb.	.46½-	—
dms., c.l., dlvd.	lb.	.32½-	—
500 lbs., dlvd.	lb.	.36½-	—
tech., 1, cns., dlvd.	lb.	.35	- —
dms., c.l., dlvd.	lb.	.23	- —
500 lbs., dlvd.	lb.	.25	- —
2, cns., dlvd.	lb.	.33	- —
dms., c.l., dlvd.	lb.	.21	- —
500 lbs., dlvd.	lb.	.23	- —
Triethanolamine, dms., works.	lb.	.26	- .30
Triphenyl phosphate, dms.	lb.	.37	- .39
Triphenylguanidin, dms.	lb.	.58	- .60
Tripoli, air-floated, bgs., c.l., works	ton.	27.50	- —
l.c.l., ex whse., N.Y.	ton.	40.00	- —
1 ton, works	ton.	30.00	- —
1 bg., works	bag.	4.00	- —
double-grd., bgs., c.l., works	ton.	18.00	- —
l.c.l., 1 ton, works	ton.	22.50	- —
1 bg., works	bag.	3.50	- —
once-grd., bgs., c.l., works	ton.	16.00	- —
l.c.l., 1 ton, works	ton.	20.00	- —
1 bg., works	bag.	3.00	- —
Trisodium phosphate (see Soda phosphate, tribasic).			
Tungsten metal, powd., 98%, dms.	lb.	1.80	- 1.90
Oxide, CP, kgs.	lb.	2.65	- 2.75
tech., kgs.	lb.	1.65	- 1.75
Turmeric root, Alleppy, bgs.	lb.	.06¼-	.06¾
Madras, bgs.	lb.	.06	- .06½
Turpentine, spirits, gum, bbls., c.l., ex dock	gal.	.42½-	—
l.c.l., 10, ex dock	gal.	.44½-	—
5, ex dock	gal.	.46½-	—
wood, dest.-dist., dms., c.l., dlvd. E. ports	gal.	.36	- —
l.c.l., same basis	gal.	.38	- —
tanks, dlvd., E. cities	gal.	.31	- —
steam-dist., dms., c.l., dlvd. steam-dist., dms., c.l., dlvd. gal.		.39	- —
l.c.l., dlvd.	gal.	.42	- —
tanks, dlvd.	gal.	.34	- —

U

Unicorn root, false (see Helonias root). True (see Aletris root.)			
Uranium oxide, kgs.	lb.	1.50	- —
Urea, dom., 46 + % N, bgs., 20 tons, f.o.b. Atl. ports or Belle, W. Va.	ton.	95.00	- —
10 to 19 tons, same basis.	ton.	100.00	- —
1 to 9 tons, same basis.	ton.	110.00	- —
100 to 1,900 lbs., same basis, 100 lbs.		6.00	- —
import., 46% N, bgs., 20 tons, f.o.b. Atl. ports, shipt.	ton.	95.00	- —
10 to 19 tons, same basis.	ton.	100.00	- —
1 to 9 tons, same basis.	ton.	110.00	- —
100 to 1,900 lbs., same basis, 100 lbs.		6.00	- —
pure, cs.	lb.	.14½-	.15½
Urea-ammonia liquor, 55% ammon., tanks, f.o.b. Atl. ports.	unit-ton.	No prices	
Uva ursi leaves, bls.	lb.	.09	- .10

V

Valerian root, 67s.	lb.	.11	- .12
Valonia, beards, bgs., shipt.	ton.	48.00	- —
Cups, bgs., shipt.	ton.	34.00	Nom.
Vanilla beans, Bourbon, tins.	lb.	3.40	- 3.75
Mexican, tins	lb.	3.50	- 4.00
cut, tins	lb.	3.25	- 3.50
South American, tins	lb.	3.25	- 3.50
Vanillin, ex eugenol, tins, 100 lbs.	lb.	3.75	- —
less than 100 lbs.	lb.	3.85	- 4.35
ex guaiacol, tins, 100 lbs.	lb.	3.65	- —
less than 100 lbs.	lb.	3.75	- 4.25
Venice turpentine, true, cs.	lb.	.47	- .49
Verdigris, kgs.	lb.	.24	Nom.
Violet, methyl, toner (see M).			
V.M.P. naphtha (see petroleum naphtha, v.m.p.).			

W

Wahoo root, bark, bls.	lb.	.62	- .65
tree, barks, bls.	lb.	.19	- .20
Wattle bark, bgs., shipt.	ton.	30.00	-31.00
Extract, 60°, bbls.	lb.	.03¾-	—
Wax, bayberry, import, bgs.	lb.	.17½-	.20
Bees, white, bleach., slabs, cs., 500 lbs.	lb.	.36	- .38
yellow, crude, Africa, bgs., lots of 10.	lb.	.25½-	.26
1 bg.	lb.	.26	- .26½
Brazil, Chile, bgs., 5-10 tons.	lb.	.27¼-	.28
1 ton.	lb.	.28	- .28½
500 lbs.	lb.	.28½-	.29
100 lbs.	lb.	.29	- .29½
refd., slabs, cs., 500 lbs.	lb.	.28	- .30
Wax, candelilla, bgs., 1 ton	lb.	.16	- .17
jobbing lots	lb.	.16½-	.17½
Carnauba, chalky 3, bgs., 1 ton.	lb.	.34	- .34½
5 bags	lb.	.34½-	.35
1 bg.	lb.	.35	- .35½
N. C. 2 bgs.	lb.	.35½-	.37
N. C. 3, bgs., 1 ton	lb.	.34½-	.35
5 bgs.	lb.	.35	- .35½
1 bg.	lb.	.35½-	.36
refined, bgs.	lb.	.39½-	.40
yellow, 1, bgs., 1 ton	lb.	.45	- .45½
5, bgs.	lb.	.45½-	.46
1, bgs.	lb.	.46	- .46½
2, bgs.	lb.	.44	- .45
Ceresin, dom., 138°-140° m.p., bgs., 1 ton	lb.	.08	- —
jobbing lots	lb.	.09	- —
150°-160° m.p., bgs., 1 ton	lb.	.09	- —
jobbing lots	lb.	.10	- —
160° m.p., bgs., 1 ton	lb.	.10	- —
jobbing lots	lb.	.11	- —
Japan, cs.	lb.	.08½-	.08¾
Montan, bgs., c.l.	lb.	.10¾-	.11¼
5 tons	lb.	.11	- .11½
less than 1 ton	lb.	.11¼-	.11¾
Ozokerite, hard green, congeal p. 66°-68° C., bgs.	lb.	.32	Nom.
70°-72° C., bgs.	lb.	.35	Nom.
74°-76° C., bgs.	lb.	.38	Nom.
snow-white, pure, 76°-78° C., bgs.	lb.	.45	- .46
yellow, natural, 76°-78° C., bgs.	lb.	.35	- .36
Paraffin (see P).			
Spermaceti, blocks, cs.	lb.	.23	- .24
cakes, cs.	lb.	.24	- .25
White lead (see Lead, white).			
White pine bark, rossed, bls.	lb.	.05½-	.06
White precipitate, powd., bbls., bxs., 25 lb. dms.	lb.	1.66	- —
Whiting, chalk, comi., dry-grd., bip. bgs., c.l., works	ton.	12.00	- —
l.c.l., works	ton.	14.00	- —
bbls., c.l., works	ton.	15.00	-16.50
l.c.l., works	ton.	17.00	- —
pap. bgs., c.l., works	ton.	11.20	-12.50
l.c.l., works	ton.	13.20	-14.50
wet-grd., bgs., c.l., works	ton.	14.50	-15.00
l.c.l., works	ton.	15.00	-19.00
bbls., c.l., works	ton.	17.00	-18.00
l.c.l., works	ton.	18.50	-20.00
glider's, bolted, bip. bgs., c.l., works	ton.	15.00	- —
l.c.l., works	ton.	16.00	- —
bbls., c.l., works	ton.	18.00	-19.00
l.c.l., works	ton.	19.50	-20.00
pap. bgs., c.l., works	ton.	14.00	-15.50
l.c.l., works	ton.	15.00	-16.50
extra bolted, bip. bgs., c.l., works	ton.	15.00	- —
l.c.l., works	ton.	16.00	- —
extra bolted, bbls., c.l., works	ton.	18.00	-22.50
l.c.l., works	ton.	19.00	-23.00
pap. bgs., c.l., works	ton.	14.00	-17.50
l.c.l., works	ton.	15.00	-18.00
Paris white, bip. bgs., c.l., works	ton.	15.00	- —
l.c.l., works	ton.	16.00	- —
bbls., c.l., works	ton.	18.00	-24.00
l.c.l., works	ton.	19.00	-25.00
pap. bgs., c.l., works	ton.	14.00	-20.00
l.c.l., works	ton.	15.00	-21.50
English cliffstone (see Whiting, chalk, Paris white).			
Limestone, air floated, 99.75% 200 mesh, bgs. (extra), c.l., frt. alld. to 32 per ton	ton.	10.00	- —
99.75% 200 mesh, bgs., c.l., same basis	ton.	9.00	- —
95-98% 200 mesh, c.l., same basis	ton.	7.50	- —
40-98% 200 mesh, c.l., same basis	ton.	6.50	- —
gilders, bgs. (extra), c.l., works	ton.	11.50	- —
l.c.l., 8-20 tons, works	ton.	12.50	- —
4-8 tons, works	ton.	13.50	- —
2-4 tons, works	ton.	14.50	- —
extra, ogs. (extra), c.l., works	ton.	12.50	- —
l.c.l., 8-20 tons, works	ton.	13.50	- —
4-8 tons, works	ton.	14.50	- —
2-4 tons, works	ton.	15.50	- —
putty grade, bgs. (extra), c.l., works	ton.	11.00	- —
l.c.l., 8-20 tons, works	ton.	12.00	- —
4-8 tons, works	ton.	13.00	- —
2-4 tons, works	ton.	14.00	- —
water-floated, bgs. (extra), c.l., works	ton.	11.50	- —
l.c.l., 8-20 tons, works	ton.	12.50	- —
4-8 tons, works	ton.	13.50	- —
2-4 tons, works	ton.	14.50	- —
precipitated, bgs., c.l., works	ton.	15.00	- —
l.c.l., 5 tons, works	ton.	20.00	- —
smaller lots, works	ton.	25.00	- —
Wild cherry bark, thick, natural, bls.	lb.	.04½-	.05
rossed, bls.	lb.	.06¼-	.07
thin, natural, bls.	lb.	.05	- .05½
rossed, green, bls.	lb.	.06	- .06½
Wild indigo root, bgs.	lb.	.09	- .10
Witch-hazel extract, dist., NF, bbls.	gal.	.55	- .65
Leaves, bls.	lb.	.07	- .08
Witherite (see Barium carbonate, natural).			
Woodflour, dom., fine, bgs., c.l., works	ton.	24.00	-30.00
standard, bgs., c.l., works	ton.	18.00	-24.00
import, 40-70 mesh, bgs., ex dock	ton.	20.00	- —
80-100 mesh, bgs., ex dock	ton.	25.50	- —
120 mesh, bgs., ex dock	ton.	31.00	- —
Wormseed, American, bgs.	lb.	.06	- .07
Levant, bgs.	lb.	3.90	- 4.00
Wormwood, bls.	lb.	.09	- .10

X

Xylol (xylene), comi., dms., works	gal.	.35	- —
tanks, E. of Omaha, frt. alld.	gal.	.30	- —
W. of Omaha, works	gal.	.30	- —
nitration, dms., works	gal.	.46	- —
tanks, E. of Omaha, frt. alld.	gal.	.41	- —
W. of Omaha, works	gal.	.41	- —
Xylol (xylene), 5°, dms., works	gal.	.41	- —
tanks, E. of Omaha, frt. alld.	gal.	.36	- —
W. of Omaha, works	gal.	.36	- —
10°, dms., works	gal.	.33	- —
tanks, E. of Omaha, frt. alld.	gal.	.33	- —
W. of Omaha, works	gal.	.33	- —
Xylidin, mixed, dms.	lb.	.96	- .97

Y

Yara yara, cryst., cns.	lb.	1.25	- 1.35
Yellow, cadmium, CP, import., bxs.	lb.	2.90	- —
Lithopone, all shades, bbls., 1 ton, works, frt. alld.	lb.	.40	- —
smaller lots, same basis.	lb.	.45	- —
bgs., same basis	lb.	.50	- —
Sulphide, orange, bbls., works	lb.	.80	- .85
Yellow, bbls., works	lb.	.90	- 1.00

Sugar Coloring—Zinc Oxide

Yellow, chrome, CP, bbls, dlvd. N of Tenn. and N.C. E of Miss. R, including Davenport, Minneapolis, Rock Island, St. Louis, St. Paul, contracts	lb.	.12	- —
open order	lb.	.13	- —
Chrome yellow CP prices are ½c. higher dlvd. Ala., Fla., Ga., La. (Shreveport, 1½c.), Miss., N. C., S. C., Tenn. Cedar Rapids, Des Moines, Kansas City, Lincoln, Omaha, St. Joseph; 1c. higher dlvd. Pac. coast; 1¾c. higher dlvd. Tex. (El Paso, 2c.); for Denver, Pueblo, Salt Lake City, Wichita, prices are f.o.b. Chicago.			
Dutch pink, bbls.	lb.	.08	- .10
Mercury oxide (see M).			
Ocher, American, golden, A, bbls., works	lb.	.06½-	—
B, bbls., works	lb.	.04½-	—
C, bbls., works	lb.	.03½	—
yellow, A, bbls., works	lb.	.02¾-	—
B, bbls., works	lb.	.02½-	—
C, bbls., works	lb.	.02	- —
D, bbls., works	lb.	.0195-	—
E, bbls., works	lb.	.0177½-	—
F, bbls., works	lb.	.01½-	—
G, bbls., works	lb.	.01¾-	—
H, bbls., works	lb.	.01¼-	—
French, all shades, cks., c.l., ex car L. Angeles	lb.	.0335-	—
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional	lb.	.02¾-	—
Port., S. Francisco, S. Pedro, Seattle	lb.	.03225-	—
f.o.b. N.Y.	lb.	.02¾-	—
l.c.l., dlvd. Brook., Moboken, J. City, L. I. City, N.Y. (Newark, 5c. per 100 lbs. additional), from dock	lb.	.02¾-	—
from whse.	lb.	.03¼-	—
ex car L. Angeles	lb.	.04¼-	—
ex dock Balto., Bost., N. Orleans, Phila. (dlvd. or f.o.b., 10c. per 100 lbs. additional	lb.	.03¾-	—
Port., S. Francisco, N. Y.	lb.	.03¾-	—
S. Pedro, Seattle	lb.	.03¾-	—
ex whse, Balto., Bost., N. Orleans, Phila., (dlvd. or f.o.b., 10c. per 100 lbs. additional)	lb.	.03	- —
Chi., St. Louis, Indipolis., K. City, Milwk., St. Louis (dlvd. or f.o.b., 10c. per 100 lbs. additional)	lb.	.03¾-	—
L. Angeles, Port., S. Francisco, Seattle	lb.	.03¾-	—
Minneap. (dlvd. or f.o.b., 10c. per 100 lbs. additional	lb.	.03¾-	—
N. Y.	lb.	.03¼-	—
Pitsbgh. (dlvd. or f.o.b., 10c. per 100 lbs. additional)	lb.	.03¼	—
f.o.b. Bethlehem, Easton	lb.	.03¼-	—
N.Y., from dock	lb.	.02¾-	—
from whse.	lb.	.03¼-	—
Oxide, nat., bbls., c.l., f.o.b. Bethlehem, Easton, N.Y.	lb.	.04½-	—
l.c.l., same basis	lb.	.04¾-	—
synth., bbls., c.l., works	lb.	.06¾-	—
l.c.l., works	lb.	.07	- .07½
Yellow, Persian orange (see O)			
Zinc, bbls., same basis chrome CP, contracts	lb.	.18	- —
open order	lb.	.19	- —
Yellow dock root, bls.	lb.	.09	- .11
Yellow root (xanthorhiza), bls.	lb.	.09	- .10
Yerba santa leaves, bls.	lb.	.06	- .09
Yohimbine hydrochloride, vls. os.		2.50	- 2.55

Z

Zinc, arsenite, bgs., cs., c.l., consumers	lb.	.09¾-	.12¾
dealers	lb.	.09¾-	.13¾
jobbers, E. of Rockies	lb.	.09¼-	.11¾
l.c.l., consumers, 5,000 lbs. or over	lb.	.10¼-	.12¾
1,000-5,000 lbs.	lb.	.11	- .14
less than 1,000 lbs.	lb.	.11¼-	.14¾
dealers, 5,000 lbs. or over.	lb.	.10¼-	.13¾
1,000-5,000 lbs.	lb.	.10¾-	.13¾
less than 1,000 lbs.	lb.	.11	- .14
jobbers, E. of Rockies	lb.	.10	- .13
Zinc arsenite prices are works or whse. basis, frt. alld. to dest. in lots of 96 lbs. or over; no frt. or truck. allowance for plant or whse. pick-up.			
Carbonate, tech., bbls.	lb.	.09	- .10½
USP, precip., powd., bbls.	lb.	.21	- .32
Chloride, fused, dms., works	lb.	.04½-	.05¾
gran., dms., works	lb.	.05	- .05¾
solution, dms., works	lb.	.04½-	—
tanks, works	lb.	.02	- —
Cyanide, kgs., works	lb.	.36	- .37
Dust, bbls., c.l., dlvd.	lb.	.0665-	—
l.c.l., 10,000 lbs. or over, dlvd.	lb.	.0760-	—
less than 10,000 lbs., dlvd.	lb.	.0810-	—
Fluoride, bbls.	lb.	.20	- .25
Iodide bots., jars	lb.	4.00	- 4.05
Zinc metal (see daily quotations in market report)			
Oxide, pigment, dom., Amer. process, comi., lead-free, bgs., c.l., dlvd.	lb.	.05¼-	—
l.c.l., dlvd. except Pac. cst.	lb.	.05¼-	—
ex whse., Pac. cst.	lb.	.05½-	—
bbls., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¾-	—
ex-whse., Pac. cst.	lb.	.05¾-	—
leaded, 5%, 35%, bgs., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¾-	—
ex whse., Pac. cst.	lb.	.05¾-	—
bbls., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¾-	—
ex-whse., Pac. cst.	lb.	.05¾-	—
50%, bgs., c.l., dlvd.	lb.	.05¼-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05½-	—
ex-whse., Pac. cst.	lb.	.05½-	—
bbls., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¾-	—
ex-whse., Pac. cst.	lb.	.05¾-	—
French process, comi., lead-free, bgs., c.l., dlvd.	lb.	.05¼-	—
l.c.l., dlvd. except Pac. cst.	lb.	.05½-	—
ex whse., Pac. cst.	lb.	.05¾-	—
bbls., c.l., dlvd.	lb.	.05½-	—
l.c.l., dlvd., except Pac. cst.	lb.	.05¾-	—
ex-whse., Pac. cst.	lb.	.05¾-	—
green seal, bgs., c.l., dlvd.	lb.	.06¼-	—

(Continued on page 45)

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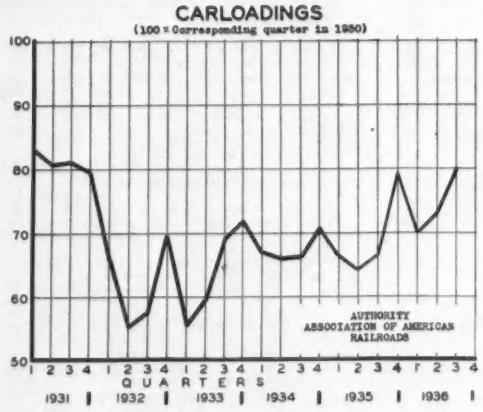
Reporter's Business Survey For Third Quarter 1936

(Continued from page 3)

these articles during the first eight months of this year (later comparable figures are not yet available) totaled $303,728,500, showing an increase of 11.2 percent in comparison with the corresponding period in 1935. Imports totaled $222,960,800, showing an increase of 8.1 percent. This branch of foreign trade not only continued to show a favorable balance, but increased it, in the face of a trend in the opposite direction on the part of foreign trade as a whole.

General Business Improvement

Behind the improvement in business in chemicals, oils, and drugs during the third quarter was sound and widespread improvement in business in general, which brought industrial activity up to a level indicating the recovery of almost three-fourths of what had been lost subsequent to 1929. At the end of the quarter manufacturing production stood about 10 percent above the 1923-25 level, having gained almost 20 percent in the preceding year. Gains almost as large were shown by the minerals industries, and building construction showed an increase of about 42 percent from September, 1935. These things make for good business for those who supply important materials, without which there could be no general progress. The improvement was not a matter of last-minute spurting, industrial production had averaged 8 percent above the 1923-25 level over the three months of the quarter, and the average gain over 1935 for the period was more than 22 percent—and that is rather substantial improvement.


CARLOADINGS
(100 = Corresponding quarter in 1930)
100
90
80
70
60
50
AUTHORITY ASSOCIATION OF AMERICAN RAILROADS
1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4 1 2 3 4
QUARTERS
1931 1932 1933 1934 1935 1936

Carloadings

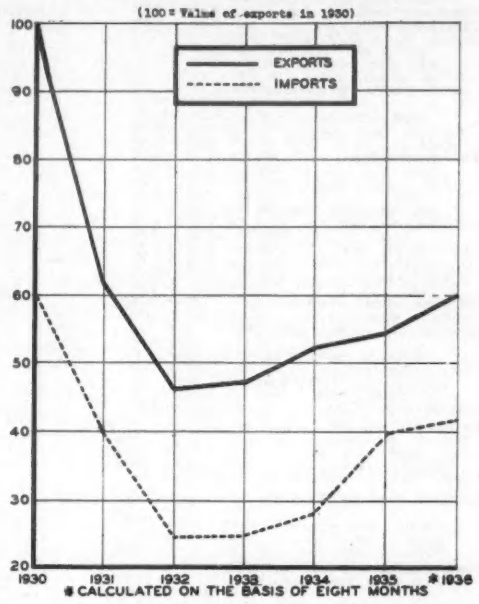
	Number of cars			
	First quarter.	Second quarter.	Third quarter.	Fourth quarter.
1930....	11,269,184	11,931,392	11,953,125	10,563,378
1931....	9,372,110	9,648,375	9,701,222	8,429,542
1932....	7,335,790	6,592,030	6,864,872	7,367,260
1933....	6,249,295	7,095,005	8,270,380	7,605,372
1934....	7,565,168	7,871,455	7,908,468	7,500,869
1935....	7,510,681	7,665,376	7,962,361	8,379,954
1936....	7,907,214	8,683,656	9,587,722	.....
Yearly totals:—				
1930				45,717,079
1931				37,151,249
1932				28,179,952
1933				29,220,052
1934				30,845,960
1935				31,518,372

Production of electricity for public use averaged 16 percent more than in 1935 during the third quarter. This record is not indicative of industrial activity, much of the larger load being called for by the growth of domestic mechanical refrigeration, but that growth is indicative of increased buying power, behind which there must be bigger and better business to supply the funds. A slight dip in the rate of production of electricity, caused by a short spell of cold weather, was referred to by some commentators as auguring a slip in heavy industrial activity—some folks believe too much in signs. So it is that one finds, contrariwise, that shipments of ore on the Great Lakes up to September 30 this year were about 57 percent larger than those in the corresponding period in 1935; that shipments of steel were more than 45 percent larger this year; that orders for fabricated steel plate aggregated more than twice as much tonnage; that factory shipments of automobiles showed an increase of 26 percent; that production of bituminous coal was almost 15 percent larger—and the slipping of heavy industry is not perceptible.

Activities in the textile industry, which is a large user of chemicals and related materials, were generally strong during the third quarter. Active cotton spindles averaged around 4 percent more than in the 1935 period. Consumption of raw silk showed substantial growth. There was a curtailment of activity in the weaving of woolen goods during the quarter, and the average of active hours during the first nine months of this year was about 2 percent below that for the 1935 period, and the activity of spindles was similarly lower because of curtailed operations in the worsted field. A better showing was made in the leather industry, and production of footwear during the first nine months was 5 percent larger than that in the 1935 period.

Production of pneumatic tire casings averaged more than 10 percent higher this year. Production of paper was at higher levels, although the nine months' output of paperboard was off about 1.7 percent. Distribution of sugar ran about the same as in last year, but about $3,500,000 worth more candy was sold this year in the third quarter. Sales of cigarets ran still farther ahead. Turning to more necessary commodities, it is found that 11.5 percent more wheat was ground this year in the third quarter and 11.3 percent more flour was made.

In making these advances possible, manufacturing employment increased 8.2 percent in the twelve months ended with September. The increase in the capital goods industries was more than 13 percent, and that in the consumer's goods industries pushed the total up to 1.2 percent above the 1923-25 level. In making the increase in employment manufacturing industry raised the total of its payrolls 13 percent, the increase for the capital goods division being more than 22 percent. Employment



Exports and Imports of Chemicals, Drugs, and Oils

	Exports.	Imports.
1930	$800,631,700	$479,635,000
1931	498,287,300	322,836,100
1932	368,655,200	199,138,300
1933	375,922,500	200,430,200
1934	413,472,400	227,433,600
1935	430,915,400	311,968,300
1936 (eight months)	303,728,500	222,960,800

in September, according to the Department of Labor, totaled 14,539,000 in productive operations (not including agriculture) and transportation, and 16,012,000 in distribution and other services (not including Federal government jobs).

Building Construction

Despite a subtantial recession during August, building construction continued well above the 1935 level during the third quarter, the total value of permits being about 70 percent greater. This made the gain for the first nine months of this year almost 80 percent, with a total value of close to $750,000,000.

As in earlier periods the greater gain in the third quarter was in residential construction; although the increase in non-residential building was material. Over the nine months the value of residential building permits exceeded that for the 1935 period by almost 108 percent, and the number of units was about 85 percent larger. New construction mortgages under the FHA plan increased during the third quarter, representing about 53.5 percent of the total business, and having a total value of more than $65,000,000.

In line with the increasing activity in building construction, shipments of cement during the first nine months of this year, totaling almost 84,000,000 barrels, exceeded those in the 1935 period by nearly 50 percent. Production of prepared roofing in the three quarters of this year was 18 percent larger than that in the corresponding period in 1935.

The movement of business, that is, commerce, is well shown by the situation in transportation. Carloadings of freight in the third quarter exceeded those in the 1935 period by 8 percent, and the total this year was 13.3 percent larger than that for the first nine months of last year. In spite of heavy movements of other classes of freight, loadings of merchandise, less than carloads, and of miscellaneous articles were 11 percent larger than those in 1935. This larger business for the carriers helped much to make their business also better, and the net operating income of class 1 railroads for the nine months was 33.6 percent larger than that for the same period in 1935. The railroads consequently increased

their orders for equipment, almost doubling the number of cars ordered in the first nine months of last year. The number of locomotives was more than seven times that in the 1935 period. This, of course, made good business for the capital goods industries. The forecasts of freight transportation needs in the fourth quarter were for an increase of 9.7 percent in comparison with last year, a gain of 6.6 percent being expected in chemicals and explosives. The railroads' association made a strong recommendation that adequate preparation for still greater gains next year be made by purchasing more cars.

Sales Increases Large

Manufacturers' net sales in all lines were more than 25 percent larger this year in the third quarter. Wholesalers' sales showed a gain of 18 percent.

Wholesale prices averaged 1.8 percent higher than those in 1935 during the third quarter. At the end of the period they were about 1.6 percent higher, averaging about 80.8 in comparison with those in the 1926-28 period.

Retail sales continued in an improved condition during the third quarter. Sales of chain stores were about 10 percent larger than those in the 1935 period, sales of chain drug stores being up 4.3 percent, and those of chain groceries up 6.3 percent. Sales of variety stores showed a gain of more than 13 percent. Department store sales were almost 12 percent higher during the quarter, and 11 percent higher over the nine months. Sales of independent retail stores in eleven States composing five typical regions were 18 percent larger than those in the 1935 third quarter.

Rural retail sales were 18.6 percent above the 1935 level. Sales of mail-order houses also indicated the better financial position of the agricultural markets, averaging more than 23 percent larger than those in 1935 over the first nine months.

Retail prices were slightly increased during the third quarter. Prices of food averaged 5 percent higher than the levels of the corresponding period in 1935; but, in September they were still 22 percent below the corresponding 1929 level. Prices of items contributing to the cost of living showed an increase of about 2 percent from the third quarter of 1935, but were 17.2 percent below the 1929 level.

Prices of farm products ran about 18 percent above 1935 levels during the third quarter. The total cash farm income (exclusive of government payments) for the first nine months of this year was 18 percent larger than that in the 1935 period. Government payments dropped from 8.4 percent of the farmer's total income in 1935 to 3.8 percent this year.

Foreign Trade

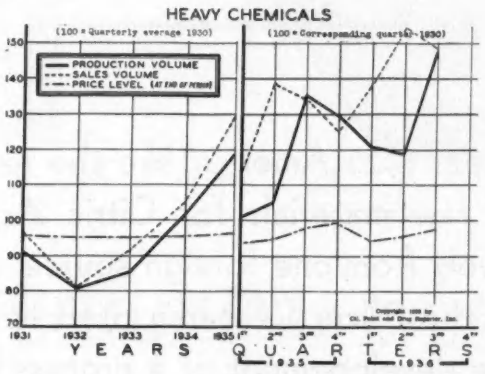
Imports into the United States for consumption exceeded exports of domestic goods in all the months of the third quarter, and for the period the excess of imports was $48,769,000, compared witn an excess of exports amounting to $11,428,000 in the corresponding quarter of 1935. Exports in this year's quarter were $34,150,000 larger than those in the 1935 period; imports were $93,347,000 larger. During the first nine months exports totaled $167,342,000 more than those in the 1935 period; imports were $260,645,000 larger. This year imports exceeded exports by $63,107,000; last year imports were $29,196,000 less than exports. The theory of buying foreign markets by buying foreign goods, has worked out for a substantial loss so far, and the evidence of any change in the other direction is at such an exceedingly long range as not to be visible.

However, business in the United States has recovered another goodly part of its health since the beginning of 1936. It has even been able to pay, and has paid, 67 percent of its "doctor bill" (loans to private enterprise by the RFC). There are excellent reasons to expect it to make further, gratifying recovery.

The measure of the "convalescence" of business in the various divisions of the chemical, oil, and drug industries is shown in the paragraphs that follow.

Heavy Chemicals

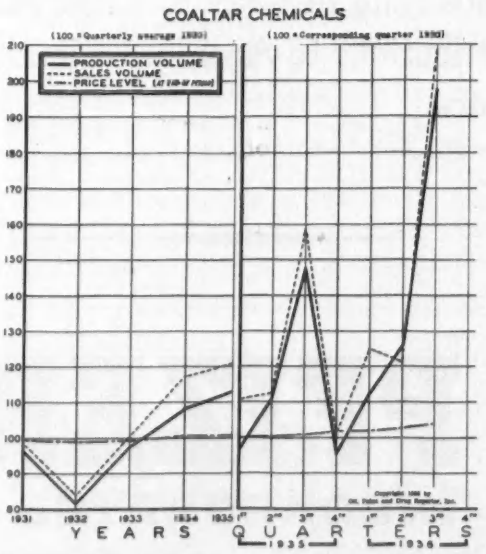
Business in heavy chemicals advanced substantially and held well to gains without fuss or feature during the third quarter. Demand set the pace for productive activities and nobody did any strenuous crowding. There was a slowing up of consumption of agricultural insecticides, expected because of a subnormal fruit crop. Other seasonal changes were less extensive than usual and in some instances were remarkably small. There were also some in-



creases in demand for materials that are not usually important at the time of year. Price conditions were satisfactory, but the influence of the Patman act on 1937 contracts was beginning to cause a bit of head-scratching. Data contributed to the REPORTER'S survey for the third quarter denote that, in comparison with the corresponding period of 1935, production was 8.3 percent larger; volume of sales was 10.4 percent larger; and total value of sales 9.6 percent larger. Prices at the end of the quarter averaged 0.1 percent above the corresponding 1935 level. The price average receded 0.1 percent during the quarter and stood 0.1 percent below that of the first of the year. Credit conditions during the quarter were better than last year. The outlook was considered by the majority to have improved. Foreign trade was heavy, exports up to August 31 showing a gain of 21.3 percent to $39,554,787; imports increasing 24.4 percent to $16,112,640.

Coaltar Chemicals

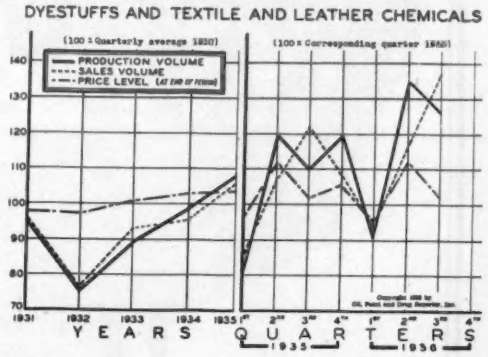
There were features in the market for coaltar chemicals during the third quarter, but these were the holdover shortages of supplies of basic materials, which had been the rule for some time before. Demand was heavy all through this extensive list, some of it, particularly the larger call for colors, being difficult to account for. There was no difficulty in making use of the slowly added supply of ma-



terial resulting from increased activity in the steel industry; the gain of about one-third in by-product coke operations being, in fact, welcomed, because production of chemical derivatives had to be stepped up to keep pace with demand. Data contributed to the REPORTER'S survey for the third quarter denote that, in comparison with the corresponding period of 1935, production was 34.1 percent larger; volume of sales was 32.3 percent larger; and total value of sales, 18.4 percent larger. Prices at the end of the quarter averaged 2.8 percent above the corresponding 1935 level. The price average receded 0.1 percent during the quarter but stood 0.8 percent above that of the first of the year. Credit conditions during the quarter were better than last year. The outlook was considered by the majority to have improved. Exports to August 31 amounted to $9,343,171, being 6.9 percent larger than those in the 1935 period; imports were up 5.5 percent to $9,456,061.

Dyestuffs, Textile, Leather Chemicals

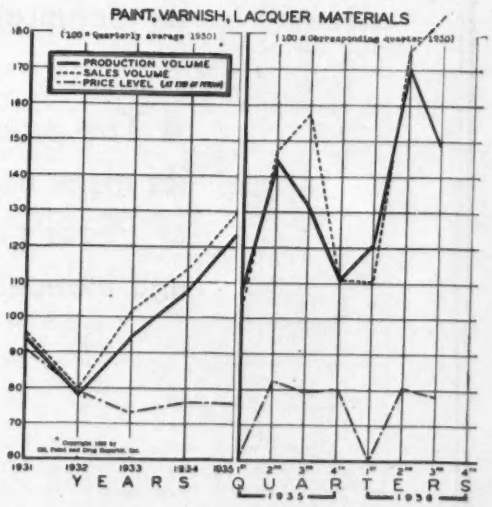
Because the textile industry and more especially the leather industry, were running heavier than usual during the third quarter, demand for chemical and related materials used in their operations was of good volume. This condition served to put more firmness in the price aspects of the market, as well as to maintain salable production at a substantial advance from last year's levels. There was a



particularly heavy call for sizes and other finishing materials; the domestic corn-grind during the first nine months of this year was 43.2 percent larger than that in the 1935 period. Data contributed to the REPORTER'S survey for the third quarter denote that in comparison with the corresponding period of 1935, production was 14.4 percent larger; volume of sales was 12.0 percent larger; and total value of sales 9.0 percent larger. Prices at the end of the quarter averaged 0.7 percent above the corresponding 1935 level. The price average advanced 0.1 percent during the quarter and stood 0.2 percent above that of the first of the year. Credit conditions during the quarter were unchanged from last year. The outlook was considered by the majority to have improved. Exports in the eight months ended with August showed an increase of 16 percent, with a total value of $2,424,381; imports totaling $8,069,867, were up 13 percent.

Paint, Varnish, Lacquer Materials

Industrial expansion and increased building construction continued to exert a favorable influence on demand for paints and related protective coatings during the third quarter, and this was naturally reflected in the business done in the materials from which these coatings are made. The gratifying picture was marred in a few spots by disturbances of relations between employers and



employees, but conditions were better on the whole than they had been a year earlier. Prices began to show more strength after having long been well below 1935 levels—they did not reach that mark. Sales of finished products up to the end of the quarter ran about 14 percent larger than those in the 1935 period, the gain in industrial sales being 18 percent; that in trade sales, 11 percent. Data contributed to the REPORTER'S survey for the third quarter denote that, in comparison with the corresponding period of 1935, production was 13.6 percent larger; volume of sales was 17.9 percent larger; and total value of sales 19.7 percent larger. Prices at the end of the quarter averaged 1.5 percent below the corresponding 1935 level. The price average was unchanged during the quarter and stood 0.1 percent below that of the first of the year. Credit conditions during the quarter were better than last year. The outlook was considered by the majority to have improved. Foreign trade expanded also, particularly on the import side. Including materials

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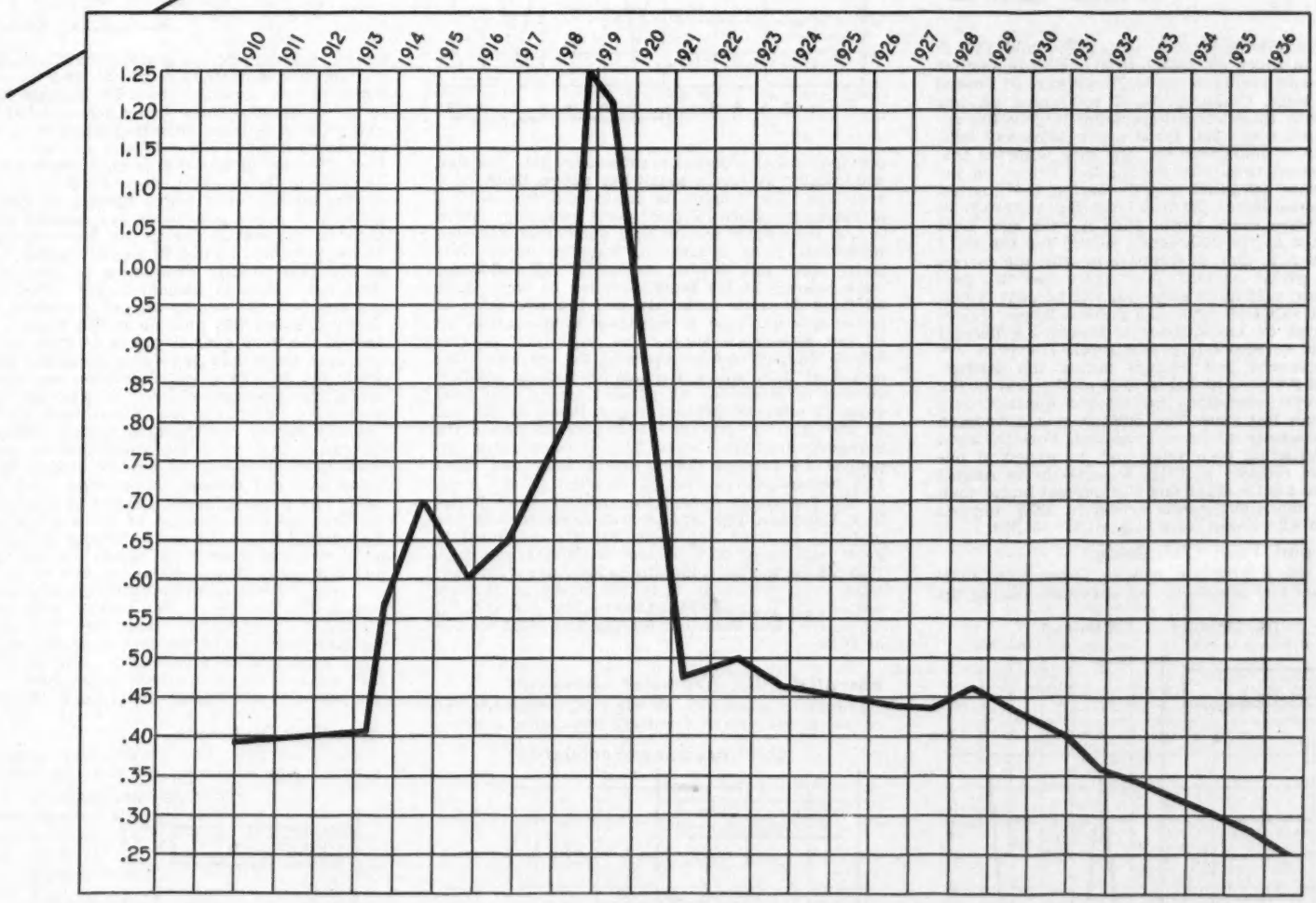

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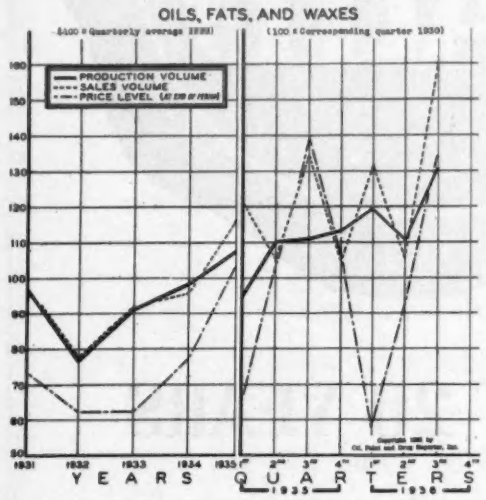
Reporter's Business Survey For Third Quarter 1936

(Continued from page 21)

and finished products, naval stores and minerals related to the industry, exports up to August 31 showed a gain of 10.2 percent, totaling $36,059,932; imports were up 22.6 percent to $16,074,098.

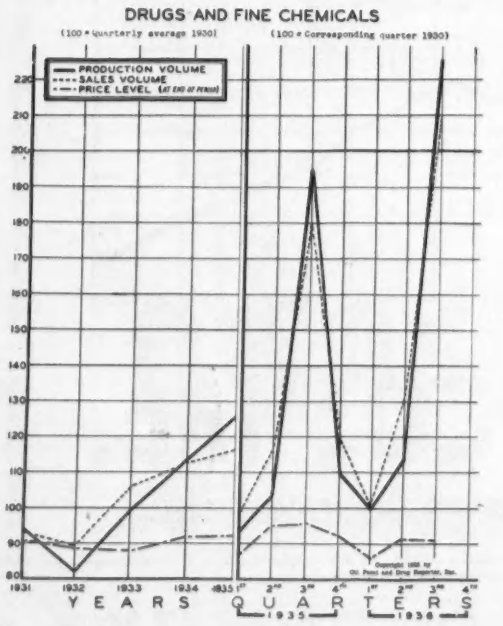
Oils, Fats, and Waxes

Developments in consuming technology brought a still broader interchangeability of various industrial and food oils into the market for these materials during the third quarter. The influence of import taxes on certain oils and oil-bearing materials was felt in the same direction—that of shifting proportions of consumption. The tax situation also developed a bothersome aspect because, the tax on an oil being relatively less than that on the raw material, foreign oils were coming in instead of oilseeds and the like. Demand for compounded shortenings grew materially, and this is one field in which the switch from one oil to another is easily and variously made. Production of linseed oil was large. Consumption of cottonseed oil was small. Both these conditions being largely the result of switching. But, there was a relatively light carryover of cottonseed oil, and this, with the tax, was expected to bolster the market. Prices, on the whole, were advanced smartly during the quarter, but remained below the 1935 level. Sales throughout the list were much better than a year ago. Data contributed to the REPORTER's survey for the third quarter denote that, in comparison with the corresponding period of 1935, production was 18.0 percent larger; volume of sales was 19.2 percent larger; and total value of sales, 12.9 percent larger. Prices at the end of the quarter averaged 3.4 percent below the corresponding 1935 level. The price average advanced 20.8 percent during the quarter, but stood 3.7 percent below that of the first of the year. Credit conditions during the quarter were better than last year. The outlook was considered by the majority to have improved. Foreign trade showed gains on both sides, and the excess of imports was reduced a little. Exports up to August 31, totaled $19,130,661, being 15.3 percent larger than those in the eight-month period in 1935; imports increased 4.2 percent, to a total of $96,684,556.



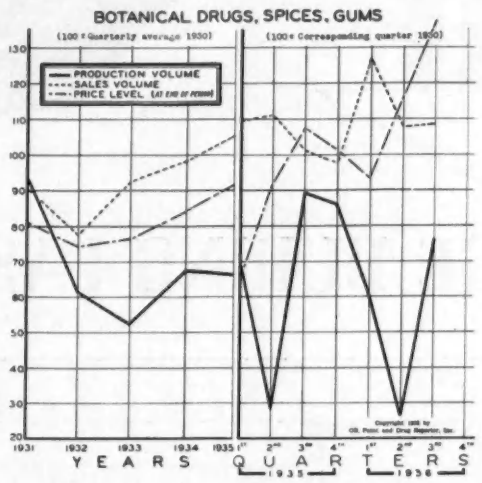
Drugs and Fine Chemicals

There was a good and growing demand for pharmaceutical and fine technical chemicals during the third quarter. With respect to certain articles, especially glycerin, shortages were imminent. The condition of the market therefore was sound, and prices had an upward trend. Activities in production and distribution were well ahead of those in 1935. Political conditions in Spain had a noticeable influence on business in quicksilver and its chemical compounds. The menthol situation was also interesting and lively, and developments pointed to an active season in antifreeze and industrial alcohols. Data contributed to the REPORTER's survey for the third quarter denote that, in comparison with the corresponding period of 1935, production was 15.8 percent larger; volume of sales was 16.9 percent larger; and total value of sales, 15.2 percent larger. Prices at the end of the quarter averaged 4.7 percent below the corresponding 1935 level. The price average advanced 0.5 percent during the quarter, but stood 2.2 percent below that of the first of the year. Credit conditions during the quarter were unchanged from last year. The outlook was considered by the majority to have improved. Export trade in drugs and medicinal preparations continued to expand, the total of $12,673,222 for the eight months to August 31 being 60 percent larger than that for the 1935 period. Imports showed a gain of 12.3 percent, totaling $6,047,549.



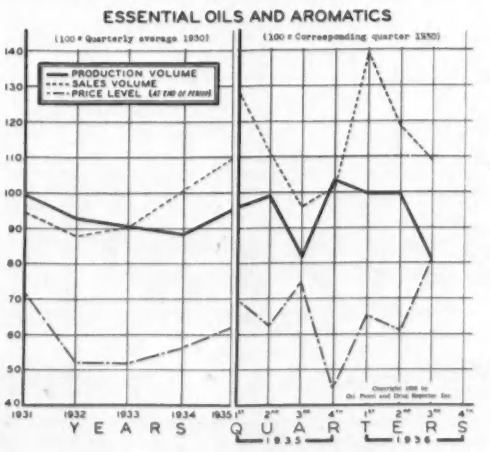
Botanical Drugs, Spices, Gums

Prices continued to be pushed up on domestic botanical materials as the market swung from buyers' to sellers' hands. The increases were still not sufficient to spur gatherers to give up their relief jobs or doles. Stocks were therefore substantially below normal, and this was expected to provide further stimulus to price-boosting. Demand was steady at levels somewhat above those of a year ago. The trouble in Spain and the shifting of currency values in other parts of Europe added zest to the market insofar as a number of imported botanicals were concerned. Supplies from Germany were not flowing copiously. All influences were pointed in the same direction as were those affecting domestic materials, and the advancing of prices was expected to continue. Data contributed to the REPORTER's survey for the third quarter denote that, in comparison with the corresponding period of 1935, production was 5.4 percent smaller; volume of sales was 6.9 percent larger; and total value of sales, 8.3 percent larger. Prices at the end of the quarter averaged 27.2 percent above the corresponding 1935 level. The price average advanced 7.4 percent during the quarter and stood 11.5 percent above that of the first of the year. Credit conditions during the quarter were better than last year. The outlook was considered by the majority to have improved. Exports continued to grow, increasing 23.6 percent in comparison with 1935 during the eight months ended August 31; their total value was only $1,167,581 however. Imports fell off, the total of $14,198,206 for the period being 0.7 percent less than that for the first eight months of 1935.



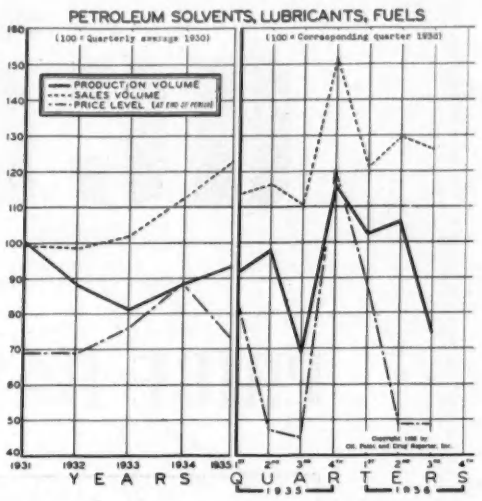
Essential Oils, Aromatic Chemicals

Continued expansion in sales of perfumery and cosmetics and also of flavorings maintained a strong demand for natural and synthetic aromatics during the third quarter. The customary conflict of opinion was prevalent with respect to the size of this year's crop of various domestic oils; more estimators were inclined to forecast reductions than looked for yields larger than last year. Production of synthetics showed good gains, although there was curtailment on certain items. Data contributed to the REPORTER's survey for the third quarter denote that, in comparison with the corresponding period of 1935, production was 1.3 percent smaller; volume of sales was 13.7 percent larger; and total value of sales, 7.2 percent larger. Prices at the end of the quarter averaged 9.3 percent above the corresponding 1935 level. The price average advanced 7.0 percent during the quarter, and stood 3.7 percent above that of the first of the year. Credit conditions during the quarter were better than last year. The outlook was considered by the majority to have improved. Because of larger domestic demand exports of essential oils were not so large as in 1935; the eight months' total this year, $1,601,021, showed a drop of 2.8 percent. Imports of these oils totaled $2,761,450, being up 2.5 percent from last year.



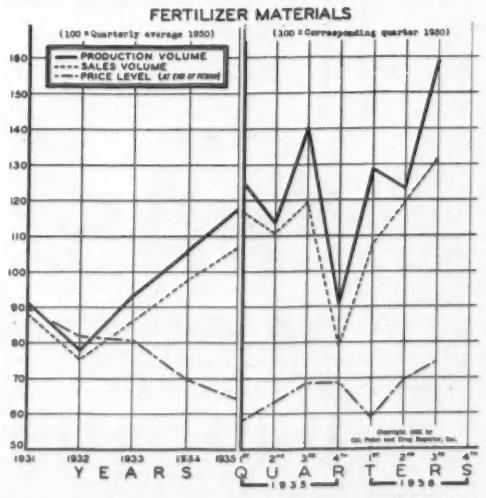
Petroleum Solvents, Lubricants, Fuels

Business in petroleum derivatives during the third quarter continued to merit the characterization that this is the best year the industry has had in a long time. Industrial consumption of solvents and other petroleum materials expanded: these materials are making a real place for themselves in the industrial world. Consumption of gasoline was large, but production was more than adequate and the industry began to look seriously upon the manner in which stocks of gasoline were being accumulated in connection with refinery operations stepped up to meet increasing demand for distillates for use as furnace fuel. The belief was that some curtailment should be made in the cracking of gas oil to make gasoline during the season of heavy furnace oil runs. Production of crude petroleum has reached new high records; the output during the first three-quarters of the year was almost 12 percent larger than that in the 1935 period. Production of gasoline was a little more than 11 percent larger. The output of gas and fuel oils was up almost 20 percent, and the heavy demand was pushing it still higher. At the end of the third quarter prices on crude petroleum averaged more than 20 percent above the 1935 level, while the refinery price of gasoline was but a little more than 1 percent higher. Data on the industrial derivatives of petroleum, contributed to the REPORTER's survey for the third quarter denote that, in comparison with the corresponding period of 1935, production was 8.5 percent larger; volume of sales was 14.6 percent larger; and total value of sales 15.6 percent larger. Prices of petroleum and its derivatives at the end of the quarter averaged 8.4 percent above the corresponding 1935 level. The price average receded 0.1 percent during the quarter, but stood 5.9 percent above that of the first of the year. Credit conditions during the quarter were better than last year. The outlook was considered by the majority to have improved. Exports of petroleum products in the first eight months of this year amounted to $169,458,672, showing a gain of 7.3 percent in comparison with 1935. Imports amounted to $25,357,982, being up 2 percent.



Fertilizer Materials

The good year for the fertilizer industry continued unabated during the third quarter. Available records indicated a gain of more than 10 percent this year in sales of mixed fertilizer up to the



end of September. Shipments of superphosphate showed a much larger gain, those in September passing the mark for the 1935 month by 62 percent. The Fall movement got an early start. There was still some slight measure of instability in the price structure, and the industry was taking a keen interest in the trade practice rules proposed by the Federal Trade Commission. Although government bonuses to farmers this year was only half as large as in 1935, some fertilizer manufacturers still saw an artificiality about the larger demand for fertilizers; the increased operating income of agriculture offered a better basis. This was not lost on other members of the industry, and the sentiment was generally optimistic with respect to the future. Data on fertilizer materials, contributed to the REPORTER'S survey for the third quarter denote that, in comparison with the corresponding period of 1935, production was 13.2 percent larger; volume of sales was 10.3 percent larger; and total value of sales, 9.7 percent larger. Prices at the end of the quarter averaged 9.0 percent above the corresponding 1935 level. The price average remained unchanged during the quarter and stood 8.8 percent above that of the first of the year. Credit conditions during the quarter were unchanged from last year. The outlook was considered by the majority to have improved. Exports of fertilizers continued to run high and the total up to August 31 was $12,315,033, a gain of 56.6 percent in comparison with the first eight months of 1935. Imports, being a necessity, reflected the larger demand, and the eight months' total, $24,533,229, showed a gain of 16.1 percent.

Price Trends in All Markets

Average prices at the end of the third quarter in 1936 and 1935, with relation to those at the end of the same period in 1934, compared as follows:—

(100—Prices at September 30, 1934)	1936.	1935.
Heavy chemicals	100.1	100.0
Coaltar chemicals	103.0	100.2
Dyestuffs, textile, leather chemicals	100.8	100.1
Paint, varnish, lacquer materials	96.7	98.2
Oils, fats, and waxes	134.5	139.2
Drugs and fine chemicals	96.4	101.1
Botanical drugs, spices, gums	152.3	119.7
Essential oils, aromatic chemicals	104.6	95.7
Petroleum solvents, lubricants, fuels	100.9	93.1
Fertilizer materials	109.4	100.4
Average of all these markets	109.9	104.8

Representative Price Trends in Chemicals, Oils, Drugs: 1932-36

Industrial Chemicals

	1932. H.	1932. L.	1933. H.	1933. L.	1934. H.	1934. L.	1935. H.	1935. L.	Jan.-Sept. 1936. H.	Jan.-Sept. 1936. L.
Acid, acetic, 28%	$2.65	$2.40	$2.91	$2.65	$2.91	$2.40	$2.45	$2.40	$2.45	$2.45
Boric, tech., gran	125.00	80.00	80.00	80.00	80.00	80.00	105.00	80.00	105.00	105.00
Chromic	.14½	.11¾	.13½	.11½	.13¾	.13½	.14¼	.13¾	.14¾	.14¾
Sulphuric, 66 deg	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50	15.50
Alum, ammonia	3.00	3.00	3.00	3.00	3.00	2.75	2.75	2.75	2.75	2.75
Alumina sulphate, com'l	1.25	1.25	1.35	1.25	1.35	1.35	1.35	1.35	1.35	1.35
Ammonia, anhyd	.15½	.15½	.15½	.15½	.15½	.15½	.16	.15½	.16	.16
Bleaching powder	1.75	1.75	1.90	1.75	1.90	1.90	2.00	1.90	2.00	2.00
Calcium acetate	2.50	2.50	3.00	2.50	3.00	2.00	2.10	2.00	2.10	2.10
Arsenate	.06	.05½	.07	.05½	.07	.05	.06	.06	.06	.06
Chlorine, liq., tech	1.75	1.55	1.85	1.65	2.00	1.85	2.15	2.00	2.15	2.15
Potash carbonate	.05¾	.0549	.07⅞	.05¾	.07⅞	.07½	.07⅞	.06⅞	.06⅞	.06⅞
Caustic	.06½	.06½	.07⅞	.06½	.07½	.06¼	.06¼	.06¼	.06¾	.06¾
Soda ash, 58% light	1.07½	1.02½	1.07½	1.00	1.05	1.05	1.05	1.05	1.05	1.05
Caustic, elect	2.50	2.50	2.55	2.50	2.55	2.55	2.55	2.55	2.55	2.55
Phosphate, tri	3.00	2.40	2.50	2.20	2.70	2.40	2.40	2.10	2.10	1.75
Silicofluoride	.06½	.05	.06	.05	.05	.04¾	.05	.04¾	.07	.04½
Sulphate, anhyd	2.00	2.00	2.20	2.00	2.20	2.20	1.15	1.15	1.15	1.15

Coaltar Chemicals

Anilin oil	.14½	.14½	.15	.13½	.15	.15	.15	.15	.15	.15
Betanaphthol	.22	.22	.22	.22	.22	.22	.24	.22	.24	.24
Benzol	.20	.20	.22	.20	.22	.15	.18	.15	.18	.16
Creosote oil, crude	.11½	.11	.11	.11	.11	.11	.12	.11½	.12½	.12½
Cresylic acid	.47	.40	.40	.37	.54	.46	.51	.42	.73	.51
Naphthalene, crude	2.00	1.65	2.50	1.65	2.15	1.75	3.00	1.75	4.00	2.50
Phenol	.14¼	.14¼	.14¼	.14¼	.14¼	.14¼	.14¼	.14¼	.14¼	.14¼
Phthalic, anhydride	.15	.15	.15½	.15	.15½	.15½	.15½	.15½	.15½	.15½
Solvent naphtha	.26	.26	.26	.26	.26	.26	.30	.26	.30	.30
Toluol	.30	.30	.30	.30	.30	.30	.30	.30	.30	.30
Xylol	.26	.26	.26	.26	.26	.26	.30	.26	.30	.30

Dyestuffs, Textile, Leather Chemicals

Cochineal	.45	.38	.38	.36	.36	.34	.34	.32	.32	.32
Cornstarch	2.64	2.19	2.84	2.19	3.56	2.81	3.66	3.23	4.19	3.09
Egg yolk	.50	.42	.46	.41	.46	.42	.56	.46	.54	.49
Fustic, ext., liq	.08	.08	.09½	.08	.09½	.08½	.08½	.08½	.08½	.08½
Logwood ext., liq	.07	.05	.08½	.05	.08½	.08½	.08½	.08½	.08½	.08½
Myrobalans	30.00	23.00	31.50	24.00	29.00	25.00	25.00	23.00	23.00	21.50
Potash bichromate	.08¼	.07	.08¼	.07	.08¼	.08¼	.08½	.08¼	.08½	.08½
Soda, bichromate	.05	.0440	.06¼	.04¼	.06¼	.06¼	.06½	.06¼	.06½	.06½
Sumac, grd	45.00	35.00	70.00	41.00	70.00	58.00	58.00	50.00	65.00	52.00
Valonia	33.00	28.50	39.50	28.00	48.00	39.00	58.00	41.00	64.50	46.00

Paint, Varnish and Lacquer Materials

Acetone	.09¾	.09¾	.10	.08	.11	.10	.11	.11	.11	.07
Barytes, dom	22.20	22.20	22.20	22.20	22.20	22.20	22.85	22.20	22.85	22.85
Butyl alcohol	.143	.113	.113	.09½	.12	.09½	.12	.11	.11	.08½
Carbon black	.03	.0272	.0272	.0272	*.0505	.0505	.0505	.0505	.0505	.0505
Chrome yellow	.16	.15	.15	.15	.15	.15	.15	.11	.11	.11
Copal, Manila, W.S	.06½	.06½	.09¼	.06¾	.09¼	.09¼	.09¾	.08½	.09¾	.08¾
Dammar, Batavia	.08½	.08½	.15	.08½	.13¾	.11¾	.13½	.11¾	.13¾	.12¾
Ester gum	.04¾	.04¾	.05¾	.04½	.07¼	.05¾	.07⅞	.07¼	.07⅞	.07⅞
Film scrap, w.w	Not listed		Not listed		.14	.14	.15	.14	.15	.15
Iron blues	.35	.35	.35	.35	.36½	.35½	.37	.36½	.37	.37
Nitrocellulose a/s	.29	.29	.29	.29	.29	.29	.29	.29	.29	.28
Ocher, Fr., light	.03	.0215	.0280	.0215	.03	.02½	.03	.02½	.03	.02⅝
Red iron oxide	..	..	.09¼	.08½	.09¼	.08¾	.08¾	.08½	.08½	.08½
Red lead	.07	.06¼	.08	.06½	.07¾	.06½	.07½	.06½	.07½	.0760
Rosin	4.20	3.35	5.22½	3.55	6.75	5.00	6.00	5.15	7.45	5.50
Shellac, bone dry	.26	.15½	.24	.16	.35	.26	.31	.19	.23½	.18
T. N	.13½	.08½	.15	.08½	.28	.17	.21	.14½	.17	.14
Titanium white	.06½	.06	.06	.06	.06	.06	.06	.06	.06	.06
Turpentine	.49	.38	.53½	.41½	.66	.46½	.56¼	.48	.50¾	.40¾
White lead	.06½	.06	.06½	.06	.06½	.06½	.06½	.06½	.06½	.06½
Zinc oxide, l. f	.06½	.05¾	.05¾	.05¾	.06½	.05¾	.06½	.05	.05	.05

* Delivered Zone E; former prices were f.o.b. sellers' works.

Oils, Fats, and Waxes

	1932. H.	1932. L.	1933. H.	1933. L.	1934. H.	1934. L.	1935. H.	1935. L.	Jan.-Sept. 1936. H.	Jan.-Sept. 1936. L.
Beeswax, Afric	.18	.13½	.22	.13½	.21½	.20	.23½	.21	.23	.24
Candelilla wax	.15	.11	.11	.08½	.14	.10½	.16	.10	.16	.15½
Carnauba wax, 3, chalky	.13½	.11	.16	.11½	.21	.16	.39	.21	.36	.34
Chinawood oil	.07¼	.04⅝	.08⅜	.04⅝	.098	.072	.35	.088	.188	.132
Coconut oil	.03⅞	.03⅛	.03⅜	.02⅝	.03⅜	.02⅛	.06⅛	.03½	.06¼	.03⅞
Corn oil, crude	.04⅝	.02⅜	.06½	.02⅝	.09½	.03½	.11	.08⅜	.10¼	.08
Cottonseed oil, crude	.0510	.03	.0715	.0350	.0925	.0837½	.1050	.0800	.0925	.0750
Japan wax	.09	.06	.07½	.05½	.06⅝	.06	.08¾	.06	.08½	.08
Lard	5.75	3.75	7.50	4.00	10.35	4.10	16.90	10.90	12.50	10.25
Lard oil	7.25	6.00	7.75	6.00	13.50	7.50	20.50	13.50	16.00	12.25
Linseed oil	.0640	.0470	.1040	.0660	.0950	.0810	.0960	.0770	.0970	.0880
Menhaden oil	.20	.09½	.17	.09	.25	.15	.35	.25	.36	.30
Neatsfoot oil	14.00	12.50	17.00	12.00	16.50	16.50	17.00	16.25	16.75	16.00
Olive oil	.75	.52	.78	.56	.89	.84	.94	.80	1.60	.70
Perilla oil	.06¼	.04	.10½	.03⅞	.09½	.08¼	.10½	.07¼	.09⅜	.08
Red oil	.06½	.05¼	.06	.05	.06½	.06	.08⅜	.06½	.09½	.07
Sardine oil	.20	.09½	.24	.12	.25	.13	.38	.24½	.37½	.28
Soybean oil	.0400	.0330	.0850	.0350	.0800	.0600	.1000	.0800	.0990	.0700
Stearic acid	.08	.07½	.09½	.08	.10	.09	.11¼	.09½	.10½	.08½
Tallow	.04¼	.02¼	.04	.02	.05½	.02⅞	.07⅜	.05⅜	.07⅛	.04⅛

Drugs and Fine Chemicals

	1932. H.	1932. L.	1933. H.	1933. L.	1934. H.	1934. L.	1935. H.	1935. L.	Jan.-Sept. 1936. H.	Jan.-Sept. 1936. L.
Agar agar, 1	$1.05	$0.50	$0.55	$0.38	$0.55	$0.52	$0.90	$0.52	$0.90	$0.67
Alcohol, S.D. 1	.304	.304	.304	.304	.316	.295	.31	.295	.31	.23
Aloin	1.50	.85	.85	.72	1.30	.90	1.60	1.30	1.60	1.50
Bismuth subcarbonate	1.55	1.25	1.65	1.25	1.80	1.65	1.65	1.40	1.40	1.40
Metal	1.35	.85	1.30	.85	1.30	1.10	1.10	.90	1.00	1.00
Cadmium metal	.55	.55	.55	.55	.55	.55	.85	.55	1.05	.85
Calomel	1.51	1.15	1.23	1.15	1.31	1.11	1.11	1.01	1.32	1.01
Castor oil	.11	.09½	.09½	.08	.09½	.09½	.10	.09½	.10	.10
Corn syrup, 42°	2.71	2.33	3.09	2.28	3.59	3.04	3.63	3.18	4.10	3.05
Corrosive sublimate	.93	.67	.82	.67	.88	.82	.76	.71	.90	.76
Cream of tartar	.20¼	.15½	.18	.14	.19¾	.17¾	.17¾	.17¼	.17¼	.17¼
Epsom salt	2.15	2.15	2.15	2.15	2.15	2.15	2.15	1.90	1.90	1.90
Iodine, resubl	4.65	2.65	3.35	2.10	2.40	1.90	1.90	1.65	1.65	1.50
Iron-ammonia citrate	.62	.47	.57	.47	.57	.52	.52	.49	.49	.37
Menthol	3.25	2.35	3.25	2.35	3.50	2.45	3.75	2.80	3.75	3.10
Quicksilver	75.00	47.00	68.00	48.00	76.00	67.00	75.00	69.50	90.00	74.00
Quinine	.40	.36	.51	.30	.51	.51	.51	.51	.53	.51
Santonin	105.00	50.00	65.00	60.00	48.00	25.00	70.00	26.00	43.00	30.00
Silver nitrate	.24¼	.19¾	.33	.19¾	.38¾	.31½	.50	.36¾	.33¼	.32¾
Thymol	1.35	1.25	.165	1.10	1.85	1.65	1.85	1.65	1.65	1.55
Vanillin, ex eugenol	5.00	5.00	5.00	4.50	4.50	4.00	4.00	3.00	3.75	3.75

Botanical Drugs, Spices, and Gums

Aletris root	.21	.15	.19	.14	.27	.18	.30	.27	.30	.30
Arnica flowers	.10	.08	.14½	.07½	.15	.14	.30	.15	.33	.25
Belladonna leaves	.13	.11	.21	.10	.22	.18	.18	.14	.14	.14
Cascara sagrada bark	.10½	.09	.10	.10	.10	.08	.11	.08	.12	.11
Dandelion root	.11	.09½	.17	.09½	.24	.17	.24	.18	.20	.18
Digitalis leaves	.11	.10	.32	.11	.35	.30	.30	.24	.24	.23
Ergot, U.S.P	.52	.33	.40	.32	.46	.35	2.10	.34	2.25	2.00
Golden seal root	.70	.55	.90	.55	1.05	.85	2.00	1.05	2.85	2.00
Gum arabic, sorts	.07	.06	.08	.05¾	.09½	.08	.13	.09½	.10¼	.09
Henbane leaves	.08½	.07½	.22	.07	.23	.17	.28	.19	.22	.20

Essential Oils

	1932. H.	1932. L.	1933. H.	1933. L.	1934. H.	1934. L.	1935. H.	1935. L.	Jan.-Sept. 1936. H.	Jan.-Sept. 1936. L.
Lavender flowers, select	.28	.27	.40	.27	.60	.40	1.05	.60	1.05	.75
Lycopodium	.32	.18	.32	.19	.32	.32	.80	.32	1.25	.80
Myrrh	.23	.16	.21	.19	.25	.23	.40	.22	.40	.35
Papain	2.25	1.75	2.50	1.20	4.50	2.50	3.25	1.75	1.75	1.00
Pyrethrum flowers, Jap	.23	.20	.29	.19	.35	.29	.31	.15	.15	.14
Rhubarb root	.20	.18	.25	.17	.29	.24	.38	.23	.35	.30
Saffron, Spanish	13.00	8.00	13.00	9.50	12.75	11.25	12.25	9.50	18.00	11.50
Senega root	.42	.28	.42	.29	.37	.23	.33	.23	.36	.33
Stramonium leaves	.10	.09½	.23	.08½	.30	.13	.13	.08	.08	.07
Tonka beans, Angost	1.65	1.40	2.50	1.40	4.00	2.50	2.75	1.85	2.50	2.50
Valerian root	.12	.08	.14½	.12	.22	.13	.23	.13½	.13½	.11
Vanilla beans, Bourb	.90	.75	.90	.60	3.00	.85	2.70	2.00	3.25	2.40
Mexican	3.75	3.00	3.00	3.00	3.50	3.00	3.25	3.00	3.25	3.00

Essential Oils

Anise	.41	.30	.45	.30	.45	.39	.50	.40	.63	.50
Bergamot	1.25	1.25	1.60	1.10	1.50	1.40	1.80	1.30	2.35	1.60
Cassia	1.10	.80	1.10	.74	1.18	1.00	1.52	1.10	1.10	.95
Citronella, Ceyl	.35	.29¾	.40	.27	.38	.24	.28	.22	.23	.18
Clove	1.10	.70	.92	.68	.92	.89	.90	.83	.98	.88
Geranium, Alg	4.50	3.75	6.00	4.00	6.00	4.75	5.25	4.50	5.25	4.50
Lavender, h. t	1.90	1.50	2.40	1.30	3.00	2.25	3.00	2.35	2.75	2.75
Lemon C,alif	1.05	.70	.75	.65	.75	.50	1.70	.60	1.75	1.00
Italian	1.15	.70	1.10	.70	1.00	.90	1.85	.95	1.75	1.00
Lime, dist	7.50	5.75	7.00	5.75	5.75	4.65	6.00	4.35	6.75	5.45
Orange, Calif	1.65	.95	1.10	.70	2.10	1.10	3.00	2.00	3.00	2.25
Italian	1.50	1.05	1.40	1.00	1.60	1.10	2.95	1.50	2.70	1.90
Peppermint, redist	2.00	1.45	3.50	1.95	3.65	2.45	3.20	2.05	2.55	2.10
Spearmint	1.25	.85	1.45	.90	1.95	1.05	1.75	1.60	2.00	1.40
Thyme, red	.60	.52½	.52½	.50	.58	.50	1.35	.58	.85	.68
white	.80	.62½	.80	.62½	.80	.65	.80	.65	.80	.80
Wormwood	3.90	2.00	3.00	2.00	3.00	2.75	2.75	2.45	2.65	2.25

Petroleum Solvents, Lubricants, Fuels

Cylinder stock oil, bright, Pa.	.29	.18	.29	.19½	.32½	.19½	.23	.18½	.25	.23
Gasoline, 65 oct., G.3	.06	.02½	.05⅝	.02¼	.05	.03⅝	.05⅜	.04¼	.05⅝	.04½
Kerosene, 41-43, G.3	.04⅛	.02¼	.03½	.02⅛	.04½	.02⅝	.03⅜	.03	.04⅜	.03
Paraffin scale	.02⅛	.01¾	.03⅞	.01⅞	.01¼	.03	.03¼	.0190	.0255	.02¼
Petroleum thinner, G.3	.05½	.04	.05⅝	.03¾	.05⅞	.05½	.05⅞	.05¾	.06⅜	.05⅞
Petrolatum, I. w	.05⅞	.05½	.06⅜	.05½	.06⅜	.06⅜	.06	.05¼	.06	.06
Stoddard solvent, G.3	.06	.04¼	.06	.04½	.06⅜	.05⅜	.06⅜	.06⅜	.06⅞	.06⅜
V.m.p. naphtha, G.3	.06½	.05	.06	.04	.06⅞	.06⅜	.06⅞	.06⅞	.07⅜	.06⅞

Fertilizer Materials

Ammonia, sulphate	26.00	17.00	24.00	20.00	25.00	22.00	24.00	21.50	26.00	24.00
Phosphate rock, Fla., 68%	3.10	3.10	3.10	2.75	3.40	2.85	3.40	1.85	1.85	1.85
Potash, manure salt	.638	.638	.638	.638	.638	.43	.48	.43	.55	.48
Muriate	.71	.71	.71	.71	.71	.40	.45	.40	.50	.45
Soda nitrate	35.40	24.40	24.90	23.90	24.50	23.50	23.50	23.50	25.50	23.50
Superphosphate	7.50	6.50	7.50	6.00	8.00	7.50	8.00	7.75	7.75	7.50

Bids Wanted

Acetic Acid:—2,100 pounds; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-84, opening November 27.
Supplies of; Quartermaster Supply Officer, Fort Sam Houston, Tex.; circular 503-80, opening November 20.

Acetone:—Supplies of; Quartermaster Supply Officer, Fort Sam Houston, Tex.; circular 503-80, opening November 20.

Acetylene Gas:—400,000 cubic feet, as required from January 1 to June 30; Superintendent of Lighthouses, Staten Island, N. Y., procurement 52506, opening November 17.
275,000 gallons; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 291, opening November 16.

Aluminum Soap Grease:—2,550 pounds; Supply Officer, Navy Aircraft Factory, Navy Yard, Philadelphia; requisition 738 Aero, opening November 10.

Ammonia:—Supplies of; Quartermaster, Plattsburg, N. Y.; Plattsburg Barracks, N. Y.; procurement 678-18, opening November 14.

Ammunition Paint, Yellow:—600 gallons; Commanding Officer, Picatinny Arsenal, N. J.; circular 250, opening November 16.

Anti-Freeze:—Supplies of for C.C.C. camps; Quartermaster, C.C.C., Richmond, Va.; circular 83, opening November 12.

Antiseptic Solution:—Supplies of; Quartermaster Depot, Army Base, Boston, Mass.; procurement 155-61, opening November 10.
Supplies of; Quartermaster, Plattsburg Barracks, N. Y.; procurement 678-18, opening November 14.

Atropine Sulphate: — 1,200 tubes hypodermic tablets for Perry Point; Procurement Division, Veterans Administration, Washington; procurement 300, opening November 12.

Barium Nitrate:—3,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; circular 252, opening November 16.

Borax:—Supplies of; Sales Officer, Barksdale Field, La.; procurement 894-4, opening November 16.

Calcium Chloride:—25,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; circular 245, opening November 13.

Cleaning Compound:—930 gallons; Contracting Officer, Material Division, Air Corps, Wright Field, Dayton, O.; circular 303, opening November 18.

Drugs and Chemicals:—Supplies of for various deliveries; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurements 6250-SP, 6280-SP, 6265-SP, and 6282-SP, opening November 10.

Ferrous Sulphate:—20,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; circular 252, opening November 16.

Flavoring Extracts:—Supplies of for various deliveries; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-78, opening November 13.
Supplies of; Sales Officer, Army War College, Fort Humphreys, D. C.; procurement 917-12, opening November 16.

Fuel Oil, Domestic:—8,000 gallons; Commanding Officer, Charleston, Ordnance Depot, Charleston, S. C.; circular 9, opening November 13.
Supplies of for various deliveries; Treasury Department, Procurement Division, Bureau of Supply, Federal Warehouse, Washington; procurements 6306-FO, opening November 13; 6307-FO, opening November 12; 6314-FO, opening November 18; 6315-FO, opening November 18; 6345-FO, opening November 17; 6338-FO, opening November 17; 6339-FO, opening November 16; and 6313-FO, opening November 18.

Gray Finish Coat Paint:—200 gallons for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8221, opening November 20.

Lard:—Supplies of for various deliveries; District Quartermaster, Fort Barrancas, Fla.; procurement 5401-35, opening November 12.

Lard and Lard Substitute:—Supplies of; Quartermaster, Plattsburg Barracks, N. Y.; procurement 678-20, opening November 16.
Supplies of for various deliveries; Quartermaster Supply Officer, Fort Mason, San Francisco; circular 143, opening November 13.

Lard Substitute:—Supplies of; Sales Officer, Barksdale Field, La.; procurement 894-4, opening November 16.

Lead Chromate Paint:—200-gallons for Mare Island; Bureau of Supplies and Accounts, Navy Department, Washington; schedule 8221, opening November 20.

Liquid Bluing:—Supplies of; Sales Officer, Barksdale Field, La.; procurement 894-4, opening November 16.

Manganese Sulphate Tetrahydrate: — 300 pounds; Supply Officer, Navy Aircraft Factory, Navy Yard, Philadelphia; requisition 6290 S&A, opening November 10.

Mayonnaise:—Supplies of; Sales Officer, Barksdale Field, La.; procurement 894-4, opening November 16.

Nitric Acid:—4,000 pounds; Commanding Officer, Picatinny Arsenal, N. J.; circular 423, opening November 13.

Olive Oil:—1,200 quarts for Perry Point; Procurement Division, Veterans Administration, Washington; procurement 301, opening November 16.

Paint, Gray:—1,200 gallons; Quartermaster, Kelly Field, Texas; procurement 464-13, opening November 17.

Paint, Green:—200 gallons; Quartermaster, Kelly Field, Texas; procurement 464-13, opening November 17.

Paint, White:—600 gallons; Quartermaster, Kelly Field, Texas; procurement 464-13, opening November 17.

Petrolatum, Liquid:—2,500 gallons for Perry Point; Procurement Division, Veterans Administration, Washington; procurement 278, opening November 11.

Petrolatum, Yellow:—1,500 pounds for Perry Point; Procurement Division, Veterans Administration, Washington; procurement 279, opening November 11.

Procaine Hydrochloride:—400 tubes hypodermic tablets for Perry Point; Procurement Division, Veterans Administration, Washington; procurement 300, opening November 12.

Salt:—Supplies of; Sales Officer, Army War College, Fort Humphreys, D. C.; procurement 917-12, opening November 16.
Supplies of; for various deliveries; Quartermaster Supply Officer, Army Base, Brooklyn, N. Y.; procurement 626-77, opening November 11.

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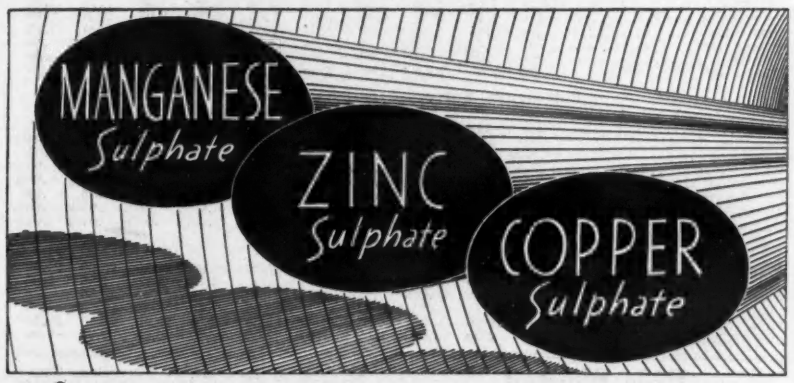

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Heavy Chemicals

Sharp Advance in Straits Tin Price Reflected in Tin Salts—Chlorine And Bleaching Powder Continue Firm — Antimony Metal Fractionally Higher — Feldspar Active

Demand in the market for industrial chemicals showed some improvement toward the close of the week. Betterment in buying could be attributed to elimination of pre-election uncertainty. Manufacturing consumers were showing interest in shipments for coverage of representative production schedules, and in a good many instances full contract allotments were being withdrawn. The trade generally was interested in 1937 price schedules. Changes last week included a raise in price for antimony metal and for the various tin derivatives.

Advance in prices for the various tin derivatives reflected the sharp raise in price for Straits tin. The value of Straits tin continued upward with the announcement that negotiations with Siemese government representatives had been resumed at the International Tin Committee meeting at Paris, November 5. Following the meeting it was stated that accord had been reached whereby Siam would become a party to the tin control scheme, but ratification of the negotiations must be made by the various signatory governments, thus definite results of the negotiations were not expected to be learned until after the next meeting of the committee, December 11 at London. The trade was awaiting the alkali schedule, which was expected to be issued last week. Chlorine and bleaching powder continued firm. Feldspar was in good demand. Steel mill operations were higher. Sulphuric acid was firm. Anhydrous ammonia 1937 prices were expected shortly. The contract writing season was being retarded somewhat by the effort manufacturers were making in order to have the 1937 contracts conform with the recently enacted Robinson-Patman legislation.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Antimony metal, ¼c. per lb.
Soda stannate, 1c. per lb.
Tin crystals, 1c. per lb.
oxide, 1c. per lb.
tetrachloride, anhydrous, ½c. per lb.

Reduced

None.

Comparative Values

Index numbers compiled from twelve typical chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
153.3	153.3	153.3	153.3

Index numbers compiled from twelve typical acids on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
99.4	99.4	99.4	99.3

Market news that may have developed after this report was sent to press will be found on page 4.

Alums.—An active demand was shown for the commercial and iron-free material again last week. Quotations were unchanged. The call for ammonia and potash alums was fairly good. Prices displayed a steady to firm tone. There was little to report in the market for soda alum.

Ammonia, Anhydrous.—Although demand was a rather dull affair, consumers ordering out small quantities, sellers reported quotations were firm, and the 1937 price schedule was expected to reach the trade shortly.

Ammonia Aqua. — Shipments were moving out at a good pace throughout the week. Prices for drums and carboys continued steady to firm.

Ammonia Bicarbonate. — Conditions here were relatively unchanged from recent weeks, consumers ordering out supplies for immediate production wants only. Prices were well maintained.

Ammonia Persulphate.—Another quiet week was experienced in this direction, consumers content to cover only when needs reached an urgent point, but prices continued steady to firm.

Ammoniac, Sal. — The market for white and grey material moved through an irregular week, but quotations retained a steady appearance. Routine consumers furnished the interest.

Antimony.—A slightly higher quotation was noted for antimony metal last week. Sellers were quoting 12c. per pound for domestic material. The market for oxide continued unchanged. There was little to report in antimony needle.

Arsenic.—Business in this market continued at a fair pace, the call coming from the glass trade and other routine consumers. Prices displayed a steady to firm price tone.

Barium Salts. — Business here continued to follow a highly irregular pace, prices were steady to firm. Sellers reported no change in hydrate, nitrate, chloride, carbonate and unground witherite.

Bleaching Powder.—A good call was shown for this product at times during the week. Quotations were decidedly firm. Sellers were holding firmly to quotations in effect in the preceding period.

Blue Vitriol.—A decidedly firm tone was in prominence in this direction, although demand was rather quiet at times. Firmness in the price structure could be traced directly to the continuance of strength in the price for the basic material, with prices abroad reaching the highest level on record for some few years.

Calcium Chloride.—A broad buying movement was reported for this material last week. The cold weather was stimulating demand for material to be used in road work. Prices were firm.

Carbon Tetrachloride.—This market presented little change during the course of the week just ended, manufacturing consumers were ordering out supplies in a conservative fashion. Prices were unchanged.

Chlorine.—A favorable buying movement was shown for this material again last week, shipments were moving to routine consumers against contracts in good volume. Prices ruled firm.

Copper.—The market for electrolytic copper was firm at 10c. per pound delivered to Connecticut Valley base. It was officially announced that copper productions abroad will be increased by 10 percent to 105 percent basic quota effective November 5. Speculation in the foreign copper markets has created a situation there tantamount to a runaway market, and leading producers both at home and abroad are decidedly worried over the possible result, particularly as to what may happen if and when the so-called speculative long accounts that have been built up abroad during past few months begin to liquidate. It is, of course, freely admitted that consumption of copper abroad is at new high levels in peace-time history, and stocks of copper there have been steadily reduced to the lowest figure since before the depression. At the same time, it is contended in some important directions that production of copper is now sufficient to take care of present legitimate demands of industry, but that speculative fever forcing prices in the world markets for the metal to new tops will eventually have an unsettling influence. Further, the continued maintenance of the foreign price at levels well above the domestic price is having its effect in some directions on the supply of both scrap and primary copper available for prompt or nearby delivery. At the top price of 10.80c. a pound, c.i.f. European base ports, domestic copper can be sold in the foreign market and a price obtained equivalent to about ⅝c. a pound more than would be obtained if sold at the current domestic price of 10c. a pound delivered Connecticut Valley base. Domestic production of copper, according to reports in the trade, has been considerably increased during the past two months, and the opinion has been expressed that domestic primary and custom smelter output will reach a figure of about 80,000 tons a month before the end of this year. This would compare with 51,888 tons from the same sources in

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7

August, and 66,432 tons in September. It is particularly interesting to note that September primary output totaled 58,294 tons, against 43,193 tons in August, a gain of 15,101 tons, and it is believed the October figures will show another gain in primary production. Scrap and secondary output, or custom smelter production, during August totaled 8,695 tons and in September amounted to 8,138 tons, a decrease of 557 tons. What the production of scrap and secondary metals during October will be no one has yet ventured to guess, because it is in this division that dealers are holding back their supply to domestic custom smelters because of the sharply higher foreign markets.

Copperas.—A good demand was reported for this material again last week. Usual buyers supplied the call. Prices were unchanged. Steel mill operations were estimated at 74.7 percent of capacity, against 74.3 percent in the preceding period.

Feldspar.—An active demand came from the ceramic industry, consumers in that industry were operating at good levels. Prices ruled firm.

Manganese Dioxide.—Prices continued to display a firm tone, sellers were making progress in writing 1937 contracts, the price level of which was the same as in 1936.

Nickel Salt.—A substantial buying movement was shown for this material, with the plating industry operating at relatively high production levels. Sellers reported no change in quotations.

Potash Carbonate.—The textile industry and routine consumers were withdrawing representative quantities of this material during the period just ended. Sellers reported quotations were firm at previous levels.

Potash Caustic. — Shipments were moving for account of the soap trade and other routine channels of consumption. Prices were held steady to firm.

Potash Chlorate.—The match trade was placing a fair-sized demand at times during the week. Sellers reported prices were displaying a steady to firm appearance.

Potash Permanganate.—Although the market was a rather dull affair at times during the week, sellers reported quotations were well maintained.

Saltcake.—A fair demand was noted in this market from the textile, the glass and the paper trades. Prices were unaltered. September imports amounted to 16,790 tons, valued at $165,293, of which Belgium shipped 2,252 tons; Germany, 13,799 tons; and Canada, 739 tons.

Soda Ash.—Producers were occupied with the task of forming 1937 prices, an unexplainable delay having occurred which prevented the issuance of the schedule last week, but indications were that the 1937 price lineup would reach the trade shortly.

Soda Bicarbonate.—A fairly active buying movement was shown for this material, with a fair amount of contract business having been booked at the new prices which were issued recently.

Soda Caustic.—This market was quiet again last week. The quiet could be attributed to the hesitancy on the part of the consumers to order out substantial quantities until the 1937 prices become known. Prices were firm.

Soda Chlorate.—Demand was quiet here. Prices ruled at previous levels. September imports amounted to 622,046 pounds, valued at $29,326, of which France shipped 150,000 pounds; Germany, 450,000 pounds; Japan, 22,046 pounds.

Soda Cyanide.—This market presented little change, shipments were moving to the plating industry in good volume. September imports amounted to 2,710,093 pounds, valued at $349,464, of which France shipped 132,000 pounds; Germany, 926,946 pounds; Netherlands, 182,500 pounds; Switzerland, 249,984 pounds; Canada, 1,129,063 pounds; Japan, 89,600 pounds.

Soda Hydrosulphite.—The textile trade continued to place a good demand. Prices were unchanged. September imports amounted to 79,069 pounds, valued at $8,025, of which Czechoslovakia shipped 22,045 pounds; Germany, 2,205 pounds; Switzerland, 7,905 pounds; United Kingdom, 46,914 pounds.

Soda Prussiate.—An active interest was reported here, sellers reported no change in quotation, although competition continued keen between domestic sellers and importers. September imports amounted to 29,271 pounds from Netherlands, and 246,476 pounds from Japan.

Soda Silicofluoride.—The ceramic industry and other usual buyers were showing a favorable buying interest here, prices were about the same as in the preceding period. September imports amounted to 628,105 pounds, valued at $23,513, of which Czechoslovakia shipped 21,826 pounds; Denmark, 277,826 pounds; Germany, 43,774 pounds; Italy, 194,952 pounds; Netherlands, 33,730 pounds; Spain, 11,023 pounds; Japan, 44,974 pounds.

Soda Stannate.—This market noted a higher price, reflecting the rise in the price for Straits tin.

Soda Sulphate, Anhydrous.—An irregular call was noted here. Quotations were unaltered. September imports totaled 1,232 tons, valued at $23,820, with the material coming from Germany.

Soda Sulphide.—There was little to report here, demand being fair and prices were steady. September imports consisted of 45,284 pounds from Belgium, and 157,837 pounds from Germany, the total value of which was $3,864.

Tin Salts.—A sharp advance in price for Straits tin caused an advance in the various tin salts. After a meeting of the International Tin Committee in Paris, November 5, it was announced that negotiations with the representitive of the Siamese government were resumed. An agreement has been arrived at between the Siamese and other delegates regarding a tonnage basis on which Siam becomes a party towards the renewal of tin control. The agreement is to be submitted for approval of the various governments that are signatories to the restriction plan. The next meeting of the International Tin Committee will be held at London December 11. London Central News Cable stated the world supply of tin at the end of October, including carryovers, totaled 17,975 tons, against 15,972 tons on hand at the beginning of the month, an increase of 2,003 tons. Visible supply of tin on November 1 amounted to 13,327 tons, against 12,663 tons on October 1, an increase of 664 tons. Straits Settlement carryover amounted to 3,688 tons on November 1, compared with 2,476 tons on October 1, an increase of 1,212 tons, while Holland carryover of 960 tons on November 1 compared with 833 tons on October 1, a gain of 127 tons.

On September 1, visible supply amounted to 14,425 tons, Straits Settlement carryover 1,597 tons, and Holland carry over 750 tons, a combined total of 16,772 tons.

Acids

This market for acids presented little change during the week just closed. Manufacturing consumers continued to order out supplies for immediate production wants only, but the relatively high production schedule in some consuming industries gave the market a fairly active appearance at times during the period under survey. Sulphuric acid displayed a firm tone, shipments were moving forward to the textile, the steel and other trades at a fairly good pace. Chromic acid retained a firm appearance; the plating industry was enjoying a good demand for finished products from the automobile industry, which was in seasonal production. Demand for formic acid was fair. Buying of battery acid continued quiet. There was little to report in the market for boric acid, shipments being strictly routine.

Acetic.—Demand continued fairly active throughout the week, the call indicating consumers were covering for immediate production wants only. Prices held firm.

Battery.—This market experienced a rather slow demand at times during the week. Quotations continued steady to firm.

Boric.—A good buying movement was in evidence in this direction, consumers were covering for actual wants only. Prices were firm. The trade was awaiting the 1937 price schedule.

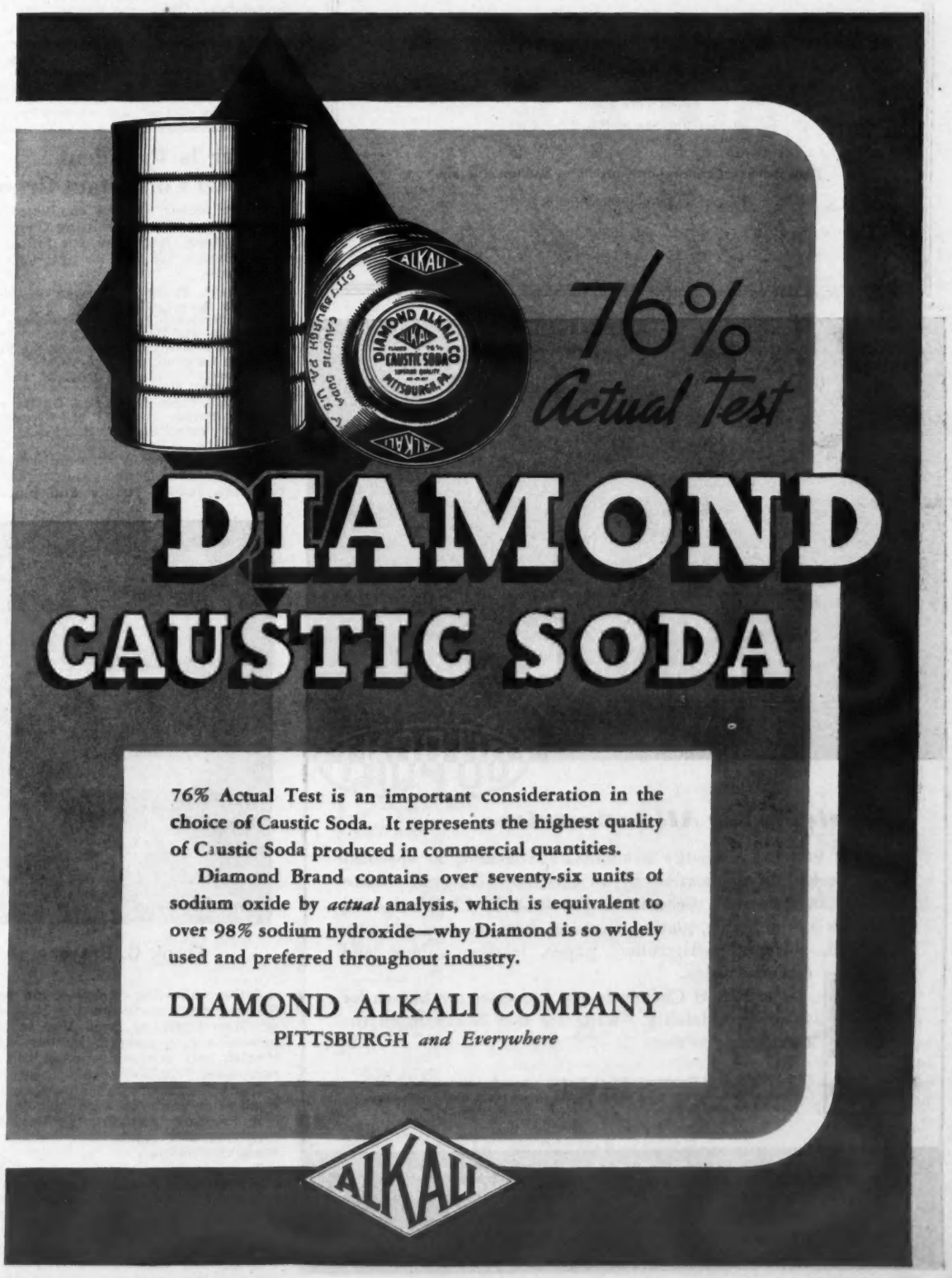
Chromic.—This market experienced a good call from the plating industry, with shipments moving out in consistent fashion. Prices were held firm.

Formic.—The textile trade and other usual channels of consumption were withdrawing representative quantities, and prices ruled steady to firm.

Lactic.—The tanning industry was ordering out a fair amount of this material throughout the week. Sellers were holding to previously established prices.

Hydrocyanic. — This market was a rather drab affair throughout the period just closed. Despite the dull de-

Current prices on heavy chemicals are given in the alphabetical list of prices beginning on page 7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mand, sellers reported quotations were unchanged.

Muriatic. — Important developments were lacking in this direction, consumers were withdrawing moderate quantities, but the price tone remained steady to firm.

Nitric. — Although the market was strictly a routine affair, with shipments moving forward in moderate quantities, sellers reported the presence of a firm tone.

Oxalic.—This market was much the same as in the preceding period, with the call moving along at a favorable pace, and prices remained firm at previous levels.

Sulphuric.—A good demand was reported for this product at intervals during the week, consumers covering for nearby production requirements. Prices ruled firm. The steel mill operations were estimated at 74.7 percent of capacity, against 74.3 percent in the previous period. Production of sulphuric acid by fertilizer manufacturers in September was 135,717 tons, against 141,501 tons in August and 130,260 tons in September a year ago. Total for nine months was 1,218,126 tons, against 1,178,341 tons in the same period a year ago. Consumption by reporting establishments in manufacture of fertilizer totaled 120,370 tons, against 114,521 tons in August, and 101,708 tons in September a year ago. Total for nine months was 944,080 tons, against 953,886 tons in the same period 1935. Stocks on hand at the end of September totaled 72,971 tons, against 77,590 tons in August and 91,066 tons at the end of September, 1935, according to the Bureau of Census.

BALTIMORE, Nov. 5.—There is much talk about material advances in the price of sulphuric acid, and the raise of $1 per ton mentioned last week stands. Requirements of manufacturers of fertilizer mixtures in the way of acid are not large at this time, with the shipping season about over, and the industry confronted by an interval of several months when little can be done. But this does not silence reports that acid is bound to advance because of the shortage of pyrites ore. So far the Baltimore plants have not been embarrassed by a scantness of the crude material, but with the shipments from southern Spain stopped, there is a probability that a shortage will develop before the ordinary trade current in ore can be resumed. The prevailing quotations are $13 per ton for 60 degree acid and $16 per ton for 66 degree acid. Much the same aspect is presented by oleum, which, though not in plentiful supply or even energetically sought, stands firm at $17 per ton for 20 percent stocks. Should it become necessary for pyrites acid plants to shift to brimstone, a considerable outlay would be required to make the transformation in equipment called for by the change.

Insecticides

The market for the agricultural insecticides and fungicides was quiet during the week just closed. Sellers were busily engaged in forming 1937 price schedules. Indications were that this task would be completed in all quarters before the termination of another week. The delay in the schedules, which usually reach the trade about October, could be mainly explained by the effort the trade was putting forth to have the schedules conform with the recently enacted legislation, the Robinson-Patman act. Indications were that prices were in a firm position.

Calcium Arsenate.—This market continued to move at a slow pace. Prices were firm.

Lead Arsenate.—The 1937 price schedule was nearing completion in all quarters of the market, with the schedule expected to reach the trade before another fortnight.

Nicotine Sulphate.—Quiet prevailed in this direction. A firm tone governed the dealings.

Breyer Is President Of Consultant Group

In the recent election conducted by the Association of Consulting Chemists and Chemical Engineers, the following were chosen for the several official positions:—

President, Frank G. Breyer, of Singmaster & Breyer, New York.

Vice-president, Ralph W. Bailey, of Stillwell & Gladding, New York.

Secretary, Bernard L. Oser, of the Food Research Laboratories, New York.

Treasurer, Alvin C. Purdy, of Bull & Roberts, New York.

Directors, three-year terms, Gustavus J. Esselen, Boston; William M. Grosvenor, jr., New York; Preston S. Millar, New York.

Frank G. Breyer is a specialist in the metallurgy of zinc, the manufacture of pigments, paints, rubber and plastics,

Frank G. Breyer

and the utilization of low-grade fuels. He was connected with the New Jersey Zinc Company from 1910 to 1927, successively as research chemist, chief chemist and chief of research and development. He has been in consulting practice during the past nine years. He is, alone or jointly, the patentee of some fifty processes including light-resistant lithopone, zinc smelting, and finely divided zinc oxide.

In a report by its committee on professional advancement, the association urged encouragement by government of private chemical consultants and laboratories as a measure of national defense. The association has initiated a program through the American Standards Association in co-operation with the American Home Economics Association, the American Society for Testing Materials, the Consumers' Division of the United States Department of Labor, the National Association of Purchasing Agents, and the National Bureau of Standards, to end abuses in connection with certifying the quality of commercial products. A recommended practice by which unbiased opinions can be provided manufacturers, sellers, and consumers will be developed.

Studies of defects in the patent system and of unfair competitive practices have been undertaken by the association, together with the classification and registration of types of chemical service.

Boyeki Manager Visits Rosenthal

I. Ando, manager of the Chugai Boyeki Company, Osaka, Japan, has arrived in the United States for a visit which he expects will be about a month in duration. While here, he is making his headquarters with H. H. Rosenthal Company, Inc., this city, which company is the exclusive buying and sales representative for the Japanese company. The Chugai Boyeki Company is one of the largest Japanese factors in industrial chemicals, dyestuffs, and intermediates and while Mr. Ando is here, he and the Rosenthal organization will lay out extensive plans for business operations over the next year.

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Coaltar Chemicals

Refined Naphthalene 1937 Contract Writing Active—Cresylic Acid In Good Demand — Creosote Oil Firm — Benzol Buying Broad—Irregular Call for Intermediates

The market for coaltar chemicals was fairly active during the week just closed. Consumers generally were withdrawing full contract allotments. In some instances the full contract withdrawals resulted in a short supply of stocks in the spot market. In this group were such products as cresylic acid, toluol, solvent naphtha and xylol. The price structure of the market as a whole was firm.

Refined naphthalene for household and industrial usage continued to display a firm tone at the levels established for the 1936-37 season. It was reported in these columns last week that the 1936-37 schedule carried the usual ½c. per pound higher differential for western consumers. Close investigation revealed that such was not the case this season, prices both East and West f.o.b. sellers' works are identical. Business in toluol was good, for the automobile industry was operating at a high rate. Creosote oil displayed a firm tone. Benzol was in fair demand. Coaltar intermediates and colors continued to note an irregular demand.

Pig iron production in October, as estimated by the Iron Age from reports on Monday totaled 2,992,968 gross tons, compared with 2,730,293 tons in September, the daily rate having been 96,547 tons, against 91,010 tons in the previous month, a gain of a little over 6 percent. The daily rate was the highest since June, 1930, when it was 97,804 tons. Furnaces in blast No. 1 totaled 160, a gain of 5 since Oct. 1. Steel mill operators were 74.7 percent of capacity, against 74.3 percent in the preceding week, according to the American Iron and Steel Institute.

Price Changes

Prices were changed during the past week as follows:—

Advanced

None

Reduced

None

Comparative Values

Index numbers compiled from twenty typical coaltar products on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
126.2	126.2	126.2	123.3

Market news that may have developed after this report was sent to press will be found on page 4.

Basic Products

Benzol.—Demand was fairly good during the latter part of the week just ended. Prices continued to display a firm tone. The rubber trade and the chemical processors were withdrawing against contracts at a pace indicative of relatively high production schedules. Steel operations were at 74.7 percent of capacity, against 74.3 percent in the preceding week, according to the American Iron and Steel Institute. A month ago operations were at 75.3 percent, and a year ago at 50.9 percent. "Iron Age" reported that two divisions of steel consumers, the railroad and the automobile industry, show considerable promise for the remainder of the year. The automobile industry will have the more immediate effect, as its orders are now showing an increase. Except for the construction industry, in which activity may revive after election, the outlook for moderately good business during the remainder of the year is good. A wage advance in the steel industry followed by higher prices for the first quarter would undoubtedly induce a fresh wave of forward buying.

Creosote Oil.—A good inquiry was shown for this material throughout the period under review. Sellers were naming the quotations in effect in the preceding period, with prices for coaltar solution of creosote oil holding firm at the higher levels established recently.

Cresylic Acid.—A firm tone was in prominence in this market again last week. The firmness in the price structure reflected the limited amount of material on hand, for the synthetic resin industry and other routine consumers were withdrawing supplies to the full extent of contract commitments.

Naphthalene.—A good inquiry was noted for the household and industrial refined naphthalene. The prices for 1937 were issued in the preceding period, effective October 27. It was incorrectly stated here that the Western prices carried a differential of ½c. per pound higher, which was in vogue for the 1935-36 season. Such is not the case for the 1936-37 season, prices f.o.b. sellers' works, both East and West, are identical, being balls or flakes, barrels, wholesalers and jobbers, 17¼c. per pound; cases, 7½c. per pound; 16-ounce packages, 8c. per pound; 12-ounce packages, 6¼c. per package; chipped crushed, barrels, 6¼c. per pound; rice, crystals, powdered, 7¼c. per pound.

Phenol.—There was a favorable buying movement shown for this material. Sellers were holding firmly to previous values. Contract withdrawals were being made by the synthetic resin industry, the pharmaceutical manufacturers, the petroleum trade and other usual buyers.

Solvent Naphtha.—A firm tone ruled this market again last week. Shipments of industrial water white were considered good. There was a fair demand for high flash naphtha. Quotations were unchanged.

Toluol.—A substantial demand was recorded for this material. Manufacturing consumers continued to withdraw full contract allotments, causing the spot market to be without supplies. Prices ruled firm. Reports from Detroit indicated that automobile production was approximating 72,000 units per week, with further improvement looked for gradually.

Xylol.—Demand continued active, leaving the spot market for commercial xylol without supplies. Prices were firm.

Chicago Coaltar Bases

CHICAGO, Nov. 5.—Benzol seems to be a shade firmer in the market than it was some weeks ago. The prices are holding at levels which went into effect some time since. Demand is reported quite good for the entire list of coaltar bases. Ruling prices of representative sellers exclusive of tax are:—Benzol, 90 percent, 16c. to 17c. per gallon; motor benzol, 11c. to 12c.; toluol, 30c.; 10-degree xylol, 33c.; solvent naphtha, 30c.; creosote oil, grade 1, 12½c. to 13c.

Coaltar Acids

Benzoic.—Demand was fair during the week just closed. Prices ruled steady to firm.

Chicago.—There was little activity in this direction. Consumers reporting prices were unchanged.

Gamma.—Interest in this market continued to be furnished by regular consumers, which interest indicated that immediate requirements only were being covered. Prices were steady.

Picric.—A firm tone governed the transactions in this direction. No change was disclosed in quotations.

Salicylic.—A good buying movement was reported for this material. A firm tone was in evidence.

Sulphanilic.—Nothing new developed in this market, usual buyers covering when needs reached an urgent stage. Prices were unchanged.

Tobias.—Demand was fair during the week. A steady to firm tone ruled the dealings.

Other Intermediates

Anilin Oil.—A good demand was shown for this material. Prices displayed a steady to firm tone.

Anthraquinone.—This market noted a fair amount of buying at times during the period just closed. Prices held unchanged.

Betanaphthol.—This situation presented little change during the course of the week under survey. Consumers were withdrawing for actual requirements, which in most instances caused the removal of full contract allotments. Prices were firm.

Metanitroanilin.—There was little to report in this market. Consumers apparently were purchasing when needs

Current prices on coaltar products are given in the alphabetical list of prices beginning on page 7

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were necessary, but prices ruled steady to firm.

Nitrobensene.—A favorable amount of interest was shown on the demand side of this market; consumers were the usual sources. No change was uncovered in the quotations.

Orthotoluidin. — Regular consumers furnished the little activity in evidence in this direction, but the irregularity in the call failed to have an influence on the market pricewise.

Phthalic Anhydride.—A firm tone was noted in this market again last week. This firmness could be attributed to the continuance of a good buying movement.

Toluidin.—Although the market was a rather drab affair from a demand standpoint, sellers reported the presence of a firm undercurrent in the price structure.

Xylidin.—A routine week was recorded here, but the quiet demand was accompanied by the continuance of a firm price tone.

Coaltar Colors

The market for coaltar colors displayed a steady to firm tone during the week just closed. Prices were unchanged. Reports on the cotton cloth industry stated that mills sold a smaller yardage of unfinished goods last week than in recent previous weeks, and their total bookings on these lines were doubtless below their current large output. However, they are so well supplied with forward business, running for months ahead, that this letting up in current sales was of no particular significance. Woolen mills were fairly active.

After due deliberation upon the historical association of colors, and after considering their utility in light of present-day needs, the British Colour Council has approved eight colors for use in the textile and other industries preparing materials for the coronation celebration to be held in May, 1937, according to advices reaching the Commerce Department's chemical division. Colors listed include coronation red, coronation blue, coronation gold, and coronation green, together with four pastel shades listed as marlborough blue, holyrood green, buckingham lilac, and St. James's rose.

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Killeffer Urges Textile Industry Research Plan

(Continued from page 4)

You must not lose sight of the fact that every time a tariff rate is reduced to some European country, that same reduction is extended automatically to Japan. Obviously, a rate that is just sufficient to protect us against European competition is totally inadequate protection against the industries of the Far East. You in the textile industry think you know something already about his serious threat from the Orient. In my opinion, you have only witnessed the beginning. Here is where research and tariff are interwoven. You must have one if you are to have the other. Without tariffs that protect you against abnormally low-cost nations, you cannot support a research program financially. Without research that will keep you abreast of the times you can less easily justify tariff protection.

Mr. Hull puts the cart before the horse. He reduces tariffs, not because we are independent of them, but because in theory there should be no artificial barriers to trade. What he and all advocates of the present brand of reciprocal trade agreements overlook is the fact that we in the United States have followed precisely this theory for many years. That is why we have the largest free list of any important nation. We have recognized that duties on such things as tea, coffee and rubber would be unnatural barriers, because we do not produce them; hence they are on the free list. A tariff that protects the jobs of American workmen in already existent industries cannot fairly be called an unnatural barrier. It must be remembered in this connection that the textile industry is one of the largest employers of labor.

Your only chance of lessening your dependence on tariffs is to be far in advance of others in quality and production costs. As an example of such an industry we might cite the case of the automotive industry of the United States. If you are to be less dependent on tariff, it will come about through revolutionary developments which in turn are products of research.

Will you not spread this call throughout your large and important industry? The job can be done. It needs the support, financial as well as moral, of the entire textile industry.

A. P. I. Meeting to Hear Many Leading Speakers

Three men prominent in their respective fields will be guest speakers at the seventeenth annual convention of the American Petroleum Institute, in the Stevens hotel, Chicago, November 9 to 12.

They are:—Col. E. O. Thompson, chairman of the Interstate Oil Compact Commission and of the Texas Railroad Commission, who will talk on "Accomplishments of the Interstate Oil Compact Commission," at the first general session, November 10; Congressman Samuel B. Pettengill, of Indiana, a member of the Cole committee which investigated the petroleum industry at the request of Congress in 1934, who will speak on "The Survival of Free Enterprise," at the second general session, November 11, and Dr. Hugh S. Taylor, who is David B. Jones Professor of Chemistry at Princeton University, who will talk on "Fundamental Research in the Depression Years," at the general session November 11.

Axtell J. Byles, president of the institute, will deliver his annual address, and Baird H. Markham, director of the American Petroleum Industries Committee, will speak on "Minute Men of 1936" at the first general session.

Penna. Salt Issues New Bulletin

The Pennsylvania Salt Manufacturing Company, heavy chemical manufacturer, Philadelphia, is distributing the latest edition of its "Aqua and Anhydrous Ammonia" bulletin, which makes particular reference to the effective way of handling, first aid, and other pertinent data, regarding the products.

H. B. Almond, director of sales for the McCloskey Varnish Company, Philadelphia, is on a trip through the South and will visit the trade in Florida, Georgia, North Carolina and South Carolina.

Chemical Exports And Imports Gain

(Continued from page 5)

Foreign demand for American fertilizer materials has been particularly active this year, Mr. Concannon stated. Shipments of all types during the first nine months aggregated 1,287,055 tons valued at $13,750,000, which compares with 1,032,840 tons valued at $9,769,600 in the first three-quarters of last year. Export shipments of potash materials almost doubled during these periods, the quantity increasing from 44,166 to 83,772 tons while the value received rose from $1,206,850 to $2,646,200, preliminary statistics show.

Foreign demand for paint materials, particularly ready mixed products, has also been active, with shipments of such products going to almost every country of the world. The aggregate value of such exports reached $13,000,000 in the first three-quarters, compared with $11,801,000 for the same months last year. Shipments of ready mixed paints, varnishes and lacquers increased from 2,771,500 to 3,078,000 gallons; mineral earth pigments from 39 to 46 million pounds; chemical pigments, including carbon black, from 119 to 128 million pounds; and kalsomine from 210,000 to 281,400 pounds.

Imports by United States

The increase in chemical imports was due very largely to heavier receipts of raw and processed materials, many of which are not produced in the United States, such as perilla, oiticica, and other drying oils, natural gums, waxes and resins, and crude drugs, according to Mr. Concannon.

Drying oils, used largely in the manufacture of paints and varnishes, headed the list as usual, with receipts reaching a total invoice value of $23,696,350 during the first three quarters, an increase of $10,500,000 over the corresponding quarters of 1935. In this group imports of tung oil advanced from 90,761,000 to 114,767,000 pounds, and perilla oil from 62,424,000 to 118,000,000, despite receipts of only 70 pounds in September. Other paint materials imports registering gains during the first three quarters of the current year included shellac, kauri, dammar and other varnish gums, which increased from 45 to 51 million pounds in quantity, but, due to lower price levels the value paid—$3,963,000—showed little change from the first nine months of last year. Imports of flaxseed, however, declined from 13,685,600 to 9,423,000 bushels.

Plastic, Cold Water Paint, Calcimine Sales in Sept.

Sales of plastic and cold-water paints and calcimines reported by fifty-three manufacturers to the Bureau of the Census for September were as follows:—

	Pounds.	Value.
Plastic Paints		
Paste	159,068	$19,389
Dry, casein-bound	264,310	20,393
glue-bound	142,844	7,486
Totals	566,222	$47,269
Cold-Water Paints		
Exterior, lime or cement-bound	627,460	$46,913
casein-bound	309,703	18,235
Interior, casein-bound	666,833	63,966
glue-bound	581,887	20,219
Totals	2,185,883	$149,333
Calcimines		
Hot water	3,949,954	$146,306
Cold water	3,229,377	145,765
Totals	7,179,331	$292,071

Sales of these products in the first nine months of this year compare with those in the corresponding period in 1935 as follows:—

		1936.	1935. (nine months)
Plastic paints	lbs.	4,967,099	3,755,381
	value.	$402,413	$267,299
	lbs.	18,181,606	13,895,900
Cold water paints, dry,	value.	$1,204,170	$879,301
Calcimines	lbs.	62,054,953	60,109,285
	value.	$2,642,205	$2,614,130

I.C.I. Acquires Control of Finnish Chlorine Project

LONDON, Oct. 30, 1936.

Imperial Chemical Industries, Ltd., has acquired a controlling interest in a liquid chlorine factory which is to be constructed at Aetsa in western Finland. The British company decided to make the investment at the request of Finnish consumers.

It had been previously reported that the German I. G. Farbenindustrie was interested in the projected enterprise.

Ralph Lee, of the R & H chemical division of E. I. DuPont de Nemours & Co., Empire State Building, this city, returns Monday from a trip to New England.

CRESYLIC ACID 97-99% Pale

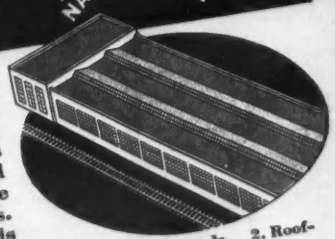
AMERICAN-BRITISH CHEMICAL SUPPLIES, Inc.
180 MADISON AVE. Telephones: Ashland 4-2265 and 4-2266 NEW YORK

BUILDING UP YOUR MARKETS

Koppers and Lacquer

Koppers has played a large part in supplying materials for lacquers. Koppers Toluol, Xylol and Solvent Naphtha are used as solvents and diluents in lacquer formulation. Koppers Benzol, Toluol, Phenol, Cresol, Cresylic Acid and Naphthalene are raw materials used in the manufacture of lacquer plasticizers and colors. Many of these materials also are raw materials used in the manufacture of chlorinated diphenyl, phenol-formaldehyde, phthalic anhydride-glycerol and coumarone-indene resins.

KOPPERS COMPANY
Tar and Chemical Division
PITTSBURGH, PENNSYLVANIA



1. Tarmac for Roads 2. Roofing Materials 3. Waterproofing Materials 4. Bituminous Paints 5. Creosote for Wood Preservation 6. Light Oils 7. Tar Acids 8. Coal Tar Pitches

Benzol, (all grades)... Toluol, (Industrial and Nitration)... Xylol, (10° and Industrial)... Solvent Naphtha, (Including High Flash)... Phenol, (82% and 90% Purity)... Cresol, (U. S. P. Resin and Plasticiser Grades)... 3° Meta Para Cresol... Cresylic Acid, (Disinfectant Grades—98%, pale, low boiling) (Insecticide Grades—98%, pure, high boiling)... Naphthalene... Shingle Stain Oil... Refined Tars... Tar Acid Oils... Pitch Coke.

This is one of a series of advertisements which are appearing each week in Business Week, reaching 90,000 important business executives in this country. In these advertisements Koppers is pointing out ways in which certain groups of chemical products (which you manufacture) are serving each of a wide variety of industries.

Dyestuffs and Textile And Leather Chemicals

Valonia Beards Higher — Other Tanning Materials Quiet — Egg Products Slow — Bichromates Firm — Dyestuffs Steady —Alumina Chloride Active

Demand in the market for dyestuffs and tanstuffs experienced an irregular demand during the week just closed. The irregularity in the call could be attributed to the hesitancy on the part of manufacturing consumers to relinquish the hand-to-mouth policy. The outstanding price revisions included higher prices for valonia beards and a reduction in yellow potash prussiate.

The market for the tanning materials reflected the tendency on the part of consumers to purchase for actual production requirements, as well as a hesitancy to order out substantial supplies until a clearer price trend is available for the rest of the final quarter. The limited amount of supplies caused an advance in the price for valonia beards. The price for cups remained unchanged. Myrobalans and mangrove bark were unchanged. There was an irregular demand for sumac. Common gambier was scarce. Dyestuffs were in fair demand at times. Cotton cloth mills were operating at high levels, but sales last week were below current production. The call for bichromates was fair; the trade was awaiting the 1937 prices. Yellow potash prussiates was lower, as a result of keen competition. Alumina chloride was steady. Egg products were quiet.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Valonia, beards, $2 per ton.

Reduced

Prussiate, potash, yellow, 2c. per lb.

Comparative Values

Index numbers compiled from nineteen typical dyestuffs on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
152.4	152.5	152.4	151.4

Market news that may have developed after this report was sent to press will be found on page 4.

Chemicals

Alumina Chloride.—Business continued at a fair pace throughout the week just closed. The call came mainly from the pharmaceutical manufacturers and the dye trade. Prices continued steady to firm.

Antimony Salt.—Although the market was a rather slow affair throughout the period under review, consumers showing no inclination to purchase beyond actual production requirements, sellers reported prices were firm.

Potash Bichromate. — Manufacturing consumers continued to order out supplies at a fairly good pace. Prices were held firm. The trade was awaiting the 1937 price schedule.

Potash Prussiate.—The market for yellow prussiate noted a decline of 2c. per pound, sellers were quoting 16c. to 17c. per pound, according to quantity. Competition caused the reduction. The market for red prussiate was unchanged.

Soda Bichromate.—Business continued on a good scale; shipments were moving against contracts at a pace sufficient to cover for nearby production requirements. Quotations displayed a decidedly firm tone.

Zinc Dust.—A strong tone was disclosed in the market for zinc dust; demand was fairly good. Strength in the price tone resulted directly from the presence of a similar tone in the basic metal.

Dyestuffs

Annatto.—There was a slow demand for paste and seed annatto during the week just closed. Importers reported the call created the impression consumers were purchasing for urgent needs. Prices were unchanged.

Archil.—This market presented little variation from recent weeks, shipments were moving for routine account at a highly irregular pace. Quotations remained firm, and the firm tone could be traced to the limited amount of material on hand.

Cochineal.—The market for Teneriffe silver and grey cochineal experienced another slow call. Manufacturing consumers continued to purchase in jobbing quantities. Prices ruled unchanged, for reports from the primary market indicated that a steady to firm tone prevailed in the trading there.

Fustic.—Conditions were relatively unchanged from recent weeks, consumers still inclined toward the conservative buying policy, but prices for the various sorts ruled steady to firm.

Indigo.—Demand in the market for natural indigo continued at a spotty pace. Importers reported a firm price tone was noted, for the limited amount of material on hand gave the market the firm structure. The call for synthetic indigo was fair. No change was disclosed in quotations.

Quercitron.—This market continued to note a highly irregular call, but sellers reported the continuance of a steady to firm price tone.

Sizing Materials

Albumen.—Demand for edible egg albumen was slow during the week. Consumers apparently were hesitating to order out supplies until such time as the trend business will assume over the rest of the fourth quarter become more apparent. Prices were unchanged.

Dextrin.—The market for the corn derivatives continued to follow a highly irregular course, from a demand standpoint. Sellers reported the market displayed a steady to firm price tone.

Egg Yolk.—This situation noted a slight slowing down in demand. Tapering off in buying reflected the inclination of consumers to cover for immediate wants only. The Department of Agriculture has approved the definitions recommended by the Food Standards Committee. Egg yolk is defined as a product obtained by removing the white from yolks in commercial process of egg-breaking. It contains not more than 12 percent by weight of adhering white. The dried egg yolk is the product obtained by evaporating the water from egg yolk. It contains not more than 5 percent of moisture. The frozen egg yolk is defined as the solidified product obtained by quickly and completely freezing egg yolk.

Frozen Eggs.—The Department of Agriculture has approved the definitions recommended by the Food Standard Committee. Frozen eggs are defined as the solidified product obtained by quickly and completely freezing liquid eggs. Liquid eggs, mixed eggs, obtained by separating the edible portion of eggs from the shells. It is an intimate mixture of the whites and yolks in their natural proportions. Dried eggs obtained by evaporating the water from liquid eggs, containing not more than 7 percent of moisture. Withdrawals of frozen eggs in thirty-five cities in October through the 24th of the month are indicated at over 8,000,000 pounds. Market observers conservatively estimate withdrawals for the week ending October 31 at 2,000,000 pounds, which means total withdrawals for the month of October of approximately 10,000,000 pounds in these thirty-five cities, or close to 15,000,000 pounds as a total for the entire country, 3,000,000 pounds more than withdrawals in October, 1935. These withdrawals indicate a good movement of all grades of frozen eggs, with fully five months still to go before the new crop. These figures mean about 84,000,000 pounds of frozen eggs on hand as of November 1, and about 60,000,000 pounds carry-over on January 1, 1937, the lightest January 1 carry-over in the last six years with the exception of January 1, 1933.

Frozen Eggs.—The market on the New York Produce Exchange was dull. On Friday, November, whole mixed futures closed at 18.65c. to 19.00c.; December, 18.60c. to 19.15c.; January, 18.60c. to 19.30c.; February, 18.70c. to 19.50c. Spot nominal.

Starch.—The market continued to display a firm tone. Sellers reported consumers were purchasing moderate quantities. Corn crop, summary said, in the Eastern belt husking and cribbing corn were retarded considerably, especially during the last half of the week by widespread, heavy rains. Gathering the crop made favorable progress the early part of the week and is well advanced in Western districts. Average estimate by private crop reporters issuing figures this morning indicates a corn crop of 1,505,000,000 bushels. Acreage seeded to Winter wheat is estimated at 51,807,000 acres.

Tanning Materials

Divi-Divi.—Demand was negligible last week. Prices ruled at a nominal position.

Gambier.—The market for common gambier was quiet, for there was a scarcity of the product. Prices were nominal. The call for Singapore cubes and plantation gambier continued irregular. Prices showed a steady tone.

Mangrove Bark.—This market was much the same as in the preceding period. Sellers reported no change in quotations, although demand was dull.

Myrobalans.—A highly irregular call was recorded for J1 myrobalans, but prices ruled steady. There was a fair demand in the latter part of the week for J2 and R2 material. Quotations ruled unchanged.

Quebracho.—Betterment in buying was lacking during the week just ended. Consumers apparently have sufficient stocks on hand to care for nearby requirements. Prices were unchanged.

Sumac.—Demand continued spotty for ground sumac, but a firm tone was in evidence. There was little to report in the market for the leaf, with prices steady and demand highly irregular.

Valonia.—The market for beards displayed a strong tone, being $2 per ton higher at $48 per ton. The call for cups was fair. No change was disclosed in quotations.

U.S. Bronze Powder Moves Chicago Plant to New Home

In consequence of an increased volume of business, and to meet the growing demands for the company's products, the United States Bronze Powder Works is moving its Chicago plant into modern new quarters at 15 North Jefferson street, that city. The new quarters cover about four times the territory of the old, and the Western staff has been increased, permitting delivery of all orders from the Middle West which formerly were made from the Eastern factories.

Joseph F. McDonald, manager of the Western division, reports that the outlook for 1937 is brighter than ever and looks forward to a greater volume of sales the coming year, as each month in the present year has shown a large increase in business over the corresponding month a year ago.

Jamieson & Co. Earnings Up

C. E. Jamieson & Co., manufacturing chemist, Detroit, reports net income, after providing for all taxes, depreciation and dividends on preferred stock, amounted to $1.84 per share of common capital stock outstanding as compared with $0.72 per share for the six month period ended June 30, 1935. It is not possible to give a comparison on an annual basis, inasmuch as the company changed from a calendar year to a fiscal year basis ending June 30, in 1935. During the year, the net assets increased $81,446.21. The ratio of current assets to current liabilities at June 30, 1936, was $5.05 to $1.00 as compared with $4.18 to $1.00 at June 30, 1935. The business is showing a steady growth, and for the first quarter of the fiscal year ending June 30, 1937, the net profits, before provision for Federal Income Taxes, have shown an increase of more than 70 percent over the corresponding period last year.

Vick Financial Company directors have voted to terminate as of November 24 the provision for repurchase by the corporation of its own stock which had been in effect since 1932.

FREDERICK P. KAPPER & CO. 367-373 FULTON ST. BROOKLYN, N.Y.
DRY COLORS INTERMEDIATES ◆ DYESTUFFS ◆ CHEMICALS FLUSHED COLORS
"EVERYTHING IN AN ANILINE COLOR FOR ANY TRADE"
See GREEN BOOK Who's Who For Alphabetical Listings INQUIRE! We Mail Samples and Prices On Date Request is Received

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270 MADISON AVE., NEW YORK
PLANTS AT BALTIMORE AND JERSEY CITY
MINES IN NEW CALEDONIA

Current prices on dyestuffs and tanstuffs are given in the alphabetical list of prices beginning on page 7

● There isn't a paint or varnish container — from the tiniest to the largest can, as well as drums — that Canco doesn't make. And with this in common: knowledge of the product, knowledge of the ultimate consumer, knowledge of what a container must have to keep the paint or varnish sold.

CANCO

Call Canco for paint containers that sell

AMERICAN CAN COMPANY

230 PARK AVENUE NEW YORK, N. Y.

Paint, Varnish, Lacquer Materials

Lithopone Prices Reduced — Zinc Sulphide Also Lower — Lead Oxides Rise Again — White Lead Unchanged — Rosin Advanced — Turpentine Quiet — Trade Spotty

The past week was a prolific period for price developments in the market for paint, varnish and lacquer chemicals. The foremost happening of the week was a reduction in lithopone prices. Other movements included a decline in zinc sulphide quotations, two advances in car lot prices for dry red lead and litharge, and, a boost in the so-called card prices for lead oxides—the second in as many weeks. There were several changes in the list of natural gum prices as primary market costs went through the mechanics of settling out after the recent shift of international currency exchanges. Ester gum prices for delivery over the balance of the year were advanced.

The decline in lithopone prices embraced the ordinary grades as well as high-strength and titanated types. The development was not wholly unexpected, following the reduction in prices for titanium dioxide and titanium compound pigments. All of these reductions became effective Monday.

Lead was the strongest commodity in the market. Prices advanced on Wednesday and again on Thursday for a rise of twenty points in two days and an aggregate of forty points within the space of eight days. White lead prices have not been touched, but the basic metal is now more than twenty percent higher than it was at the time current white lead prices were established in January, 1934.

Rosin remained in a firm position in primary and local markets, the trend of prices still being upward. Offerings of all grades in the South were reported as light and it was contended that transactions for the week would have been larger than they were but for the reserved attitude of holders. Turpentine was quiet with moderate changes in quotations. Receipts in primary markets continued free.

Trade in paint, varnish and lacquer chemicals was quite spotty last week. Interest in the national elections dulled the market to a large extent but a continued decline from the peak of Fall business was responsible for some of the absence of snap in the market.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Gum, copal, Pontianak, nubs, ½c. per lb.
Ester, ½c. per lb.
Lead, pig, ⅜c. per lb.
red, car lots, ½c. per lb.
l.c.l., ¼c. per lb.
Litharge, car lots, ½c. per lb.
l.c.l., ¼c. per lb.
Orange mineral, ¼c. per lb.
Pitch, 50c. per bbl.
Rosin, 50c. per 280 lbs.
Rosin oil, 2c. per gal.
Shellac, bone dry, ½c. per lb.
Turpentine, gum, 1c. per gal.

Reduced

Gum, copal, Congo, No. 3, ⅝c. per lb.
East India, Batu, bold scraped, ½c. per lb.
Hiroe, Macassar, nubs, 1c. per lb.
Manila, Lobas, ¼c. to 1½c. per lb.
Singapore, dust, ¼c. per lb.
spirit-solubles, ⅜c. to ½c. per lb.
Pontianak, ⅜c. to ½c. per lb.
dammar, Batavia, D, F, ⅜c. to ½c. per lb.
Singapore, No. 2, ⅜c. per lb.
Lithopone, all grades, ¼c. per lb.
Zinc sulphide, 1½c. to 2¼c. per lb.

Comparative Values

Index numbers compiled from eleven typical paint and varnish materials on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
131.1	131.4	131.4	131.9

Market news that may have developed after this report was sent to press will be found on page 4.

Lead.—Prevailing spot prices at New York, East St. Louis, and London for the period from October 31 to November 6, inclusive, were as follows:—

	Pigs: Per pound New York.	Pigs: Per pound E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.0480@.0485	$0.0465	..	..	..
Monday	.0480@.0485	.0465	19	10	0
Tuesday	*.....@.....	.....	..	..	..
Wednesday	.0490@.0495	.0475	20	8	9
Thursday	.0500@.0505	.0485	20	18	9
Friday	.0500@.0505	.0485	21	6	3

* Holiday.

Zinc.—Prevailing spot prices at New York, East St. Louis, and London for the period from October 31 to November 6, inclusive, were as follows:—

	Slabs: Per pound New York.	Slabs: Per pound E. St. Louis.	Spot. London. Per ton £	s.	d.
Saturday	$0.05275	$0.0485	..	..	..
Monday	.05275	.0485	15	18	9
Tuesday	*.....	.....	..	..	..
Wednesday	.05275	.0485	16	1	3
Thursday	.05275	.0485	16	3	9
Friday	.05275	.0485	16	8	9

* Holiday.

Metallic Lead and Zinc

Lead prices continued to advance. Quotations were raised $2 per ton on Wednesday and another $2 per ton on Thursday, for a gain of 20 points for the week and an aggregate of 40 points or $8 per ton in the past two weeks. The current prices were 5c. to 5.05c. per pound, New York, according to seller, and 4.35c. per pound at East St. Louis, the highest levels reached since 1931. Sellers who command premium prices for their metal have been taking the initiative in the advance of the market. Purchasing continued heavy throughout the week and the sellers were booking heavily for December business. The advances of the past two weeks constituted quite a movement for lead prices, particularly since the market had been immobile since February of this year, and, many observers believed at the close of the week that the advancing tendency of the market had run its course. London advanced correspondingly with the domestic position.

Zinc prices were unchanged last week but several followers of the market looked for an early movement in prices as a measure in sympathy with the booming values of other non-ferrous metals. Copper and lead have been moving steadily upward but zinc has held without change for some time. Investment buying was noted in the market last week and sellers were booking into 1937.

Pigments

The price reductions in titanium pigments which took effect on Monday of last week were followed by reductions in titanated lithopone, ordinary and high-strength lithopone, and, in zinc sulphide. These changes also took effect on November 2. The lithopone reduction was not wholly unexpected because of the decline in titanium compound pigments. Other price developments of the week included a rise in pig lead prices on Wednesday and another rise on Thursday. Car lot prices for dry red lead and litharge automatically followed the metal market upward and Thursday's boost caused another rise in the so-called card prices for smaller quantities of red lead and litharge, and also for orange mineral. With the combined activity of changing prices for lead derivatives, and, in titanium, lithopone and zinc sulphide, the opaque pigment group's price movements during the past two weeks were more numerous than any time in the past few years.

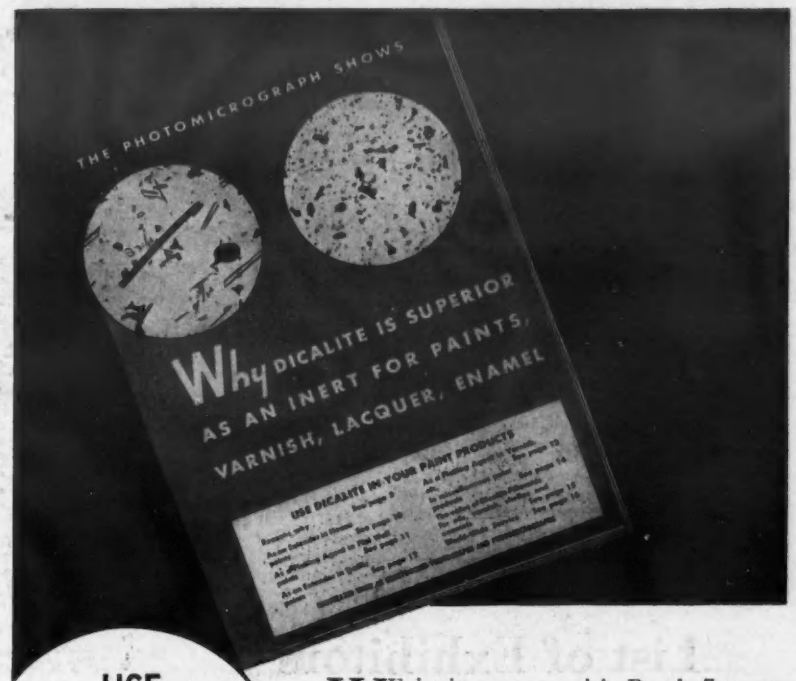
White Lead.—Pig lead prices advanced again last week for an aggregate rise of 40 points within the space of eight days. The quotations for basic sulphate and basic carbonate of lead did not move, but the price of lead is considerably higher now than it was in January, 1934, when current prices for these derivatives were established. Although corroders have not given any indication of higher white lead prices, if the current trend in metal prices continued, prices should certainly be higher when first quarter contracts for 1937 are written, if not sooner.

Red Lead.—Wednesday's boost of 1/10c. per pound in metal prices was

(Continued on page 36)

Current prices on paint, varnish and lacquer materials are given in the alphabetical list of prices beginning on page 7

VISIT OUR EXHIBIT — BOOTH 7
and get a copy of this FREE book


THE PHOTOMICROGRAPH SHOWS
Why DICALITE IS SUPERIOR AS AN INERT FOR PAINTS, VARNISH, LACQUER, ENAMEL
USE DICALITE IN YOUR PAINT PRODUCTS

USE DICALITE FILTER AIDS For clarifying varnish, oils, shellac and lacquer at HIGHER flowrates—and lower cost.

WE invite you to visit Booth 7 to see the Dicalite exhibit of paint products using Dicalite extenders and flatting agents, and to get a copy of this *new* book describing the superiority of Dicalite for Paints (it's free!) Technical information prepared by paint men on how to use Dicalite also given on request at the booth.

THE DICALITE COMPANY
520 N. Michigan Ave. CHICAGO · 120 Wall Street NEW YORK · 756 S. Broadway LOS ANGELES

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HIGH LEAD CONTENT
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EVER since the Laboratory changed its paint formulas, the Complaint Department has had a pretty easy time of it.

The new formulas have a high content of white lead. And white lead guards against cracking, scaling, excessive chalking. It forms a tough, long-wearing, elastic film that stands up under all conditions.

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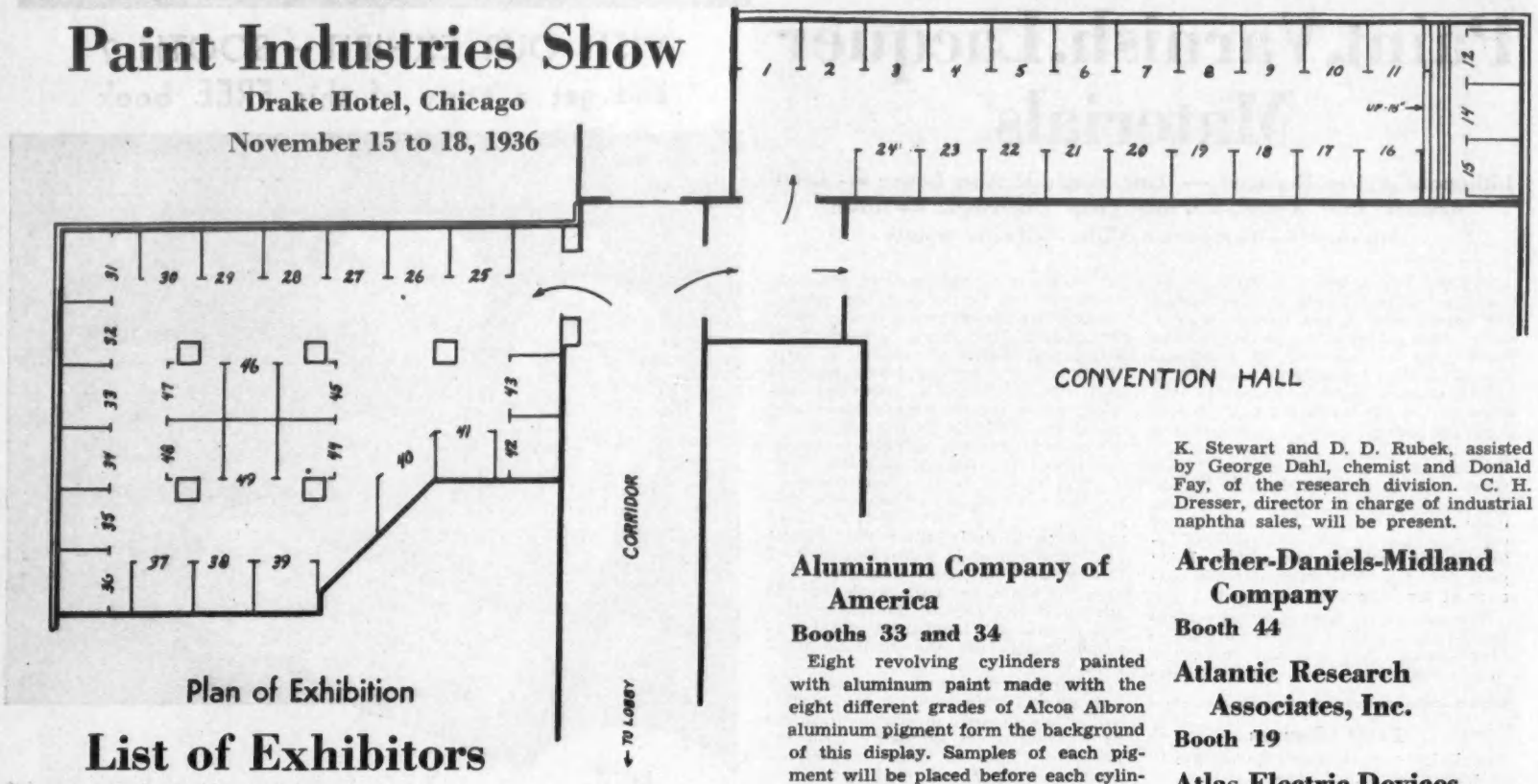
Paint Industries Show

Drake Hotel, Chicago

November 15 to 18, 1936



Plan of Exhibition

List of Exhibitors

Paul O. Abbe, Inc.

Booth 18

A ball mill with an entirely new type of drive, a Model pebble mill, a laboratory jar mill with a new motor drive, and a group of accessories that make up a complete ball or pebble mill will be exhibited by Paul O. Abbe, Inc. Oakley H. Garlick, secretary, will be in charge of the booth. He will be assisted by C. H. Goggin, H. L. Mills, V. E. Winfield, and W. N. Goggin, Chicago representatives of the company.

Advance Solvents & Chemical Corporation

Booth 42

The space taken by the Advance organization will be comfortably fitted out to afford visitors to the Paint Show a place to discuss with the company's representatives Soligen driers and other products of the company. Representing Advance Solvents & Chemical Corporation will be C. A. Klebsattel, A. B. Mullaly, and C. A. Lechner.

You are Invited
to visit our display of Modern Paint, Lacquer and Varnish
PAILS and DRUMS
at the
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Drake Hotel — Chicago
Nov. 15th to 19th
Let us show you the ECONOMY, SAFETY and PERMANENT ADVERTISING you get from BENETCO STEEL PAILS AND DRUMS. Special Interior Linings—Positive Sealing Devices and Practical Por-Spouts—all to meet your exact needs.
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Aluminum Company of America

Booths 33 and 34

Eight revolving cylinders painted with aluminum paint made with the eight different grades of Alcoa Albron aluminum pigment form the background of this display. Samples of each pigment will be placed before each cylinder. Below, on a slanted panel will be shown transparent photomicrographs for the comparison of the particle size distribution of each grade. A large aluminum varnish kettle will be exhibited in an alcove of the booth.

American Can Company

Booths 9 and 10

The modern trend in container design to combine practicability with eye-arresting appearance will be evident in the exhibit arranged by the American Can Company. A few types of the paint and varnish containers manufactured by this company will be on display. Present at the booth to discuss packaging will be Dudley W. Figgis, vice president in charge of sales; C. H. Black, general sales manager; T. E. Alwyn, Philadelphia sales manager; T. F. Brennan, Metropolitan New York sales manager; H. A. Pinney, Chicago district sales manager, and F. J. Eberhart, assistant Chicago district sales manager.

American Cyanamid & Chemical Corporation

Booths 37 and 38

A varied assortment of paint materials consisting of synthetic resins, natural resins, chemical driers, plasticizers, solvents, pigments, and waxes will be shown at this booth. Panels and products in which articles and specialties manufactured by the American Cyanamid & Chemical Corporation have been used will complete the display. J. M. Sanderson, assisted by E. H. Trussell, M. J. Wixson, and E. A. Wieland will constitute the welcoming party at the exhibit.

American Gum Importers Association

Booth 3

A display of the natural resins commercially available has been arranged for this exhibit. Samples of varnishes and weather exposed panels showing the type of varnish these resins will produce upon formulation will also be exhibited. Literature explaining the properties and usage of natural resins may be obtained at the booth from C. H. Allen, K. M. Sprinkel, or H. L. Rubinkoenig.

Anderson-Prichard Oil Corporation

Booth 25

Demonstration of the effect of the company's thinner on the working qualities of a rather unusual varnish will be the basis of this exhibit. Continuing the informative theme of last year's exhibit, the purpose will be to show the advantages of a change in thinners in a somewhat rare operation. The booth will be in charge of Dr. James K. Stewart and D. D. Rubek, assisted by George Dahl, chemist and Donald Fay, of the research division. C. H. Dresser, director in charge of industrial naphtha sales, will be present.

Archer-Daniels-Midland Company

Booth 44

Atlantic Research Associates, Inc.

Booth 19

Atlas Electric Devices Company

Booth 28

A Weather-Ometer of the type used by paint manufacturers and consumers for accelerated weathering tests of protective coatings will be in full operation at this exhibit. Representatives will demonstrate the manner in which any sort of destructive climatic action may be artificially produced with this self-contained apparatus.

Bakelite Corporation

Booths 26 and 27

The "fortification" of finishes with Bakelite synthetic resins will be the theme of this exhibit. Animated, illustrated charts will demonstrate these fortification effects. Bakelite resins of the XR-3180 type, compatible with nitrocellulose lacquers, will also be shown. Company representatives at the booth will be R. A. Brenneck, Chicago district manager; C. R. Given, H. Smith, E. H. Gross, and C. M. Rice, sales engineers, and R. J. Moore and V. H. Turkington, of the research and development division.

Beck, Koller & Co.

Booth 29

Something a bit different from anything ever presented at the Paint Industries Show has been arranged by Beck, Koller & Co. for its exhibit, according to a statement from that company. Dr. W. Krumbhaar, H. Reichhold, C. J. O'Connor, A. G. Hovey, C. J. Kaiser, and P. L. Swisher will represent the company at the exhibit.

Binney & Smith Company

Booth 5

Coblac was an important ingredient in the finish used on the Binney and Smith exhibit. This jet black surface will be striped in aluminum. The back panel of the booth will show colors as obtained with some of the yellow, brown, and red oxide colors supplied by Binney & Smith. Technical men present at the booth to discuss color problems will be:—L. J. Venuto, carbon black; J. W. Snyder, Coblac, and K. E. Burgess, iron oxides.

Bramley Machinery Corporation

Booth 22

A thirty-eight-inch Bramley mill will be exhibited entirely open to show inside operation at this booth. A smaller mill, which will also be shown, will have a glass front to enable visitors to visualize internal performance. Products and performance possible with the mills will be explained at the booth by B. M. Halpern, vice-president of the Bramley Machinery Corporation, and several branch representatives.

Buhler Brothers
Booths 47 and 48

At the exhibit of Buhler Brothers will be displayed three of the Buhler high-speed paint and ink mills. Two of the mills will be of the three-roller size manufactured by the company, while the remaining one will be of the five-roller size. Fred C. Koehler, treasurer; O. Robert Schmalzer, technical consultant, and Paul W. Kohler, Chicago representative of the company, will be present at the booth to explain the operation of the equipment.

Dicalite Company
Booth 7

Samples of all of the inert extenders and filtration aids supplied for the paint, varnish, and lacquer industry by the Dicalite Company will be displayed at their exhibit. Dicalite Speedex will be featured as a higher flowrate agent for varnishes during filtration. E. C. Burwell, paint department manager, will be in charge of the booth. Also at the booth to welcome visitors will be C. A. Frankenhoff, president; A. L. Gossman, vice president; E. T. Frankenhoff, central division manager; A. G. Frankenhoff, eastern division manager; and Henry Bliss.

Falk & Co.
Booth 6

Samples of the newest types of processed fish oil and processed soybean oil, and panels showing the various types of coatings obtained with vehicles manufactured by Falk & Co. will be shown at this booth. Literature on the fish oils may be obtained from L. J. Reizenstein, president of Falk & Co., or David Lewis and James M. O'Hara, of the Chicago office, all of whom will be present at the exhibit.

General Electric Company
Booth 49

The exhibit of the General Electric Company will consist of a description of the resins manufactured by them, and a display of panels finished with coatings containing these resins. Company representatives at the booth will include C. K. Mead, manager of Glyptal sales; F. M. Hastings, assistant manager of Glyptal sales; E. L. Feininger, managing engineer of varnish products; and C. S. Ferguson, assistant managing engineer of the varnish products division.

General Naval Stores Company
Booth 20

The diversity of the naval stores industry, with special emphasis on the paint and varnish field, will be illustrated at the General Naval Stores Company exhibit. A complete line of pale wood rosins for use in paints and varnishes will be featured. Naval stores may be discussed at the booth with R. J. Spitz, sales manager, or J. L. Boyer, of the technical division.

General Plastics, Inc.
Booth 2

Actual brush-out tests of the various Durez vehicles and enamels will be made at this exhibit. Individual panels marked with the names of those making the test will be brushed out with various finishes and hung up on a rack in the booth to check drying time and characteristics. Boiling water tests and alkali resistance tests will be carried on in the booth at the same time. Stephen Babcock and Charles O'Connor will represent General Plastics at the exhibit.

Geuder, Paeschke & Frey Company
Booth 39

A complete line of steel shipping pails and drums for paint, oil, putty, white lead, varnish, thinner, and allied products will be assembled at this display. H. P. Thelen, assistant manager of the steel package division; Warren T. Trask, Chicago sales manager of the same division, and A. K. Paeschke and T. Ball will represent the company at the exhibit.

Harshaw Chemical Company
Booth 30

The various pigment colors manufactured by the Harshaw Chemical Company will be displayed against an attractive illuminated background at this booth. In the foreground an illuminated tower will display driers and chemicals of interest to the paint industry. O. J. Hall, vice president; W. E. Wright, W. S. Chase, T. H. Petersen, R. H. Giebel, and G. D. Sinclair will represent the company at the exhibit.

Hercules Powder Company
Booths 11, 12, 14, 15, and 16

In the four show windows of the Hercules exhibit will be displayed products of the major departments of the company, including synthetic resins, cellulose products, naval stores, and paper makers and related chemicals. The new Petrex synthetic resins will be featured in the resin display. Among the representatives at the booth will be Theodore Marvin, advertising manager, and M. R. Budd, assistant advertising manager of the Hercules Powder Company.

Hilton Davis Chemical Company
Booths 35 and 36

Samples of both dry and flushed colors for paints, enamels, and lacquers, and a small J. H. Day flushing machine of the sort used in pilot plant development of flushed colors will be exhibited by the Hilton Davis Chemical Company. L. A. Hoffman and George Nieder will be in attendance at the booth.

Johns-Manville Corporation
Booth 23

Celite 110, a diatomaceous silica extender for various types of paints, will be displayed at the Johns-Manville exhibit. Test panels will be shown to demonstrate its superior inert qualities. A pictorial story of its manufacture and control will also be shown. C. J. O'Neil, staff filler engineer, will be in charge of the booth. He will be aided by Robert E. Parry, research chemist from the Manville, N. J., Laboratories.

Spencer Kellogg & Sons Sales Corporation
Booth 43

Spencer Kellogg and Sons' exhibit will consist of the oils which they produce for use in the paint, varnish, and lacquer industries. Studying and comparing the oils will be simplified by a characteristics chart listing their chemical and physical properties displayed with them. Fish oils are included for the first time in this display as products of the Kellogg organization. E. H. Valance, manager of the special oils department; D. J. Healy, eastern division sales manager; S. C. Murray, manager of the linseed oil division, and R. A. Nagel, technical service representative, will attend the exhibit.

Kent Machine Works
Booth 8

A small five-roller mill, replica of the Kent Super Five mill now being introduced by the Kent Machine Works, will be exhibited at this booth. The company will be represented at the exhibit by James W. Kent, president; Elmer P. Peters, vice-president, and Fred Weitzner, purchasing agent.

Kentucky Color & Chemical Company
Booth 46

John D. Lewis, Inc.
Booth 24

The Lewis trade character, "Smiling Johnny Lewisol," will be the center of attraction at this exhibit. He will be surrounded by attractive displays and samples of Lewisol snythetic resins and Imperial ester gums in lacquer and varnish form, designed to furnish manufacturers with definite visual examples of the color and clarity of products made from Lewis gums and resins.

(Continued on page 60)

Andrew L. Somers, president of Fred L. Lavanburg, Inc., dry colors, this city, was re-elected to Congress as representative of the sixth New York district.

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Paint Materials

Pigments

(Continued from page 33)

accompanied by an automatic increase in car lot prices for dry red lead; on Thursday the same thing happened. Thursday's advance brought the New York metal market up to 5c. per pound and card prices for smaller quantities were advanced ¼c. per pound, marking the second such advance in as many weeks. The current car lot prices are:—95 percent or less Pb_3O_4, 7½c. to 7¾c. per pound; 97 percent guaranteed 7¾c. to 8c. per pound; and 98 percent guaranteed, 8c. to 8¼c. per pound. Quotations for 5-ton lots ranged from 8c. to 9¼c. per pound, according to delivery zone and smaller quantities were posted at 8½c. to 9¾c. per pound, also according to delivery zone.

Litharge.—In company with the advances in car lot prices of red lead, similar quantities of this derivative were advanced 1/5c. per pound for the week. The 10-point advance in pig lead prices on Thursday cause a rise of ¼c. per pound in the so-called card prices for 5-ton lots and smaller quantities. Prices for car lots were now 6½c. to 6¾c. per pound, according to delivery zone. The card prices ranged from 7c. to 7¾c. per pound for 5-ton lots and from 7½c. to 8¼c. per pound for smaller quantities, according to delivery zone.

Lithopone.—Prices were lowered ¼c. per pound, effective last Monday. Ordinary strength material was now priced at 4¼c. per pound for 1,000-pound lots or more in bags, basis delivered in the East or ex warehouse at Pacific Coast points. Smaller quantities were priced at 4½c. per pound. High-strength or titanated lithopone was priced at 5¾c. per pound for 1,000-pound lots or over, in bags, delivered in the East or ex warehouse at Pacific Coast points. Smaller quantities were named at 6c. per pound. In all instances, barrel packing was ¼c. per pound additional.

Orange Mineral.—The two 10-point increases in lead prices which took place on Wednesday and Thursday of last week brought that metal to the 5c mark in New York and prices for this derivative were raised ¼c. per pound, Thursday. Quotations for 5-ton lots were now 10½c. to 11¼c. per pound, and smaller lots were quoted at 11c. to 11¾c. per pound, according to point of delivery.

Titanium Pigments.—As reported here last week, prices for titanium dioxide and for the barium and calcium compounds were reduced November 2. The compounds were reduced ¼c. per pound and titanium dioxide was lowered 1c. per pound for car lots and from ½c. to 1c. per pound on less than car load quantities down to 1,000 pounds. Titanium dioxide in bags is now as follows:—c.l., 16c.; l.c.l. to 1,000 pounds, 16½c.; 50-999 pounds, 16¾c.; and less than 50 pounds, 19c. per pound. Bag prices for calcium, and, for 25 percent and 30 percent barium, base pigments are as follows: — 1,000 pound lots or over, 5¾c. per pound; 50-999 pounds, 6c. per pound; less than 50 pounds, 6¾c. per pound. Prices for barrels are ¼c. per pound additional; because of a typographical error, the barrel price differential was printed in last week's issue at ½c. per pound additional.

Zinc Oxide.—The prices held unchanged at the advanced levels established October 1. The manufacturers were still shipping out against orders accepted and billed at the old prices prior to October 1. Most of the trade seemed covered for nearby wants, having taken advantage of the low-priced offerings in effect before the commencement of the final quarter of the year. There were some buyers who covered into 1937.

Zinc Sulphide.—Prices were reduced on Monday of last week and the schedule was now based at 9c. per pound for 20-ton lots, in bags, delivered. Bag prices for less car lots were placed at 9½c. per pound, delivered in the East or ex-warehouse at Pacific Coast points. Barrel prices were ¼c. per pound additional. The reduction was 1½c. to 2¼c. per pound.

Fillers and Extenders

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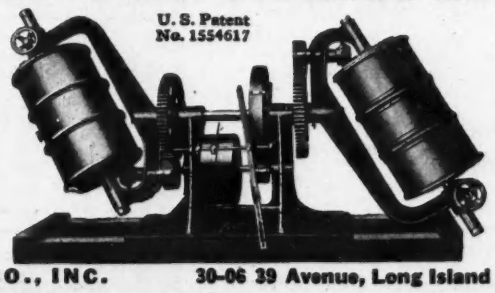
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share in the price activity that has been taking place in the opaque pigments during the past two weeks. A fairly well stabilized situation existed in this group. The recent changes in the international currency exchange situation did not have much of an effect upon prices here. Talc was the only article that really changed much. Incidentally the domestic makers of fibrous talc have been talking of a stronger market for 1937. Suppliers of mica have indicated a similar prospect.

Graphite.—The market ruled steady and prices have not changed since the increase of 1c. per pound in quotations for flake material for pigment use.

Mica.—As reported previously, suppliers of wet and dry-ground material reported that prices were unchanged for the present but prospects for 1937 indicated a stronger position.

Pumice.—Importers of Italian ground material continued to quote the prices that have been in force for some time. The current situation should remain for the present albeit the sellers were not so certain of the maintenance of present prices for the future. First costs abroad were raised to cover the change in lira values which took place a few weeks ago.

Dry Colors

Prices for earth and chemical colors seemed fairly well stabilized and there have been no important changes in prices during the past few weeks. Observers of the market for chemical colors did not look for much in the way of price changes until the time for arranging 1937 contract business arrived. A singular development in that connection was a reduction in prices for prussiates used in the manufacture of iron blues.

Carbon Black.—As reported last week, the Texas tax on black was established at 1/12c. per pound on black sold at 4c. per pound or less and a tax of 3 percent on the selling price of all black sold above 4c. per pound. As also reported previously, an emergency freight rate saving which becomes effective on the first of the year should come close toward neutralizing the cost of the tax on standard grades of black where the largest volume is sold but the tax on specialty blacks which are sold at higher prices than the standard grades, should increase costs substantially.

Chrome Yellow.—The market held a steady position at the recently advanced level. The market has been favored with a moderately active demand albeit last week's purchasing interest was light because of the interest in the national elections.

Iron Blues.—Although there has been no change in prices, the prices of prussiates used in the manufacture of these colors have been reduced substantially.

Ocher.—Sellers continued to quote the prices that were established during the Summer. The position of the market has not been altered by the recent shift in the exchange value of the franc, and according to importers, primary market prices have been raised to cover the difference in exchange.

Spanish Red Oxides.—The prices were entirely nominal and the market was bare of supplies except for contract customers. As reported previously, importers have been replacing this commodity with an English product.

Varnish Gums

Several price declines were reported by importers last week. The downward price movements were principally confined to gums in the Dutch East Indies group and the declines represented a settling out of markets following the change in the international currency situation and the devaluation of the guilder a few weeks ago. One copal grading—Pontianak split nubs—moved higher in price. Gum trade continued quite spotty during the week.

Copals.—Price movements last week were as follows:—Manila Loba A, 9¼c. per pound, off 1½c.; Loba B, 8⅞c., off 1c.; Loba C, 8⅜c., off 1c.; Loba D, 8c., off 1⅛c.; Loba DK, 6¾c., off ⅜c.; and Loba dust, 5c., off ¼c. Spirit solubles, DBB, 7⅝c., off ⅜c. and WS. 8⅛c., off ½c. per pound. Singapore Manila dust, 5c., off ¼c. Hiore Macassar nubs, 10⅜c., off 1c.; bold Batu scraped, 6c., off ½c.; genuine bold Pontianak, 13¾c., off ½c.; and Pontianak split nubs, 11¾c., off 1⅛c. per pound. No. 3 Congo gum was also lowered to the basis of 18⅛c. per pound, a decline of ⅜c. per pound. The lone advance in the market was a rise of ½c. per pound in Pontianak nubs which were quoted at 10¾c. per pound.

(Continued on page 48)

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		Acid No.	Saponification No.	Iodine No.*	Titre
Capric Acid, Technical, Distilled	Base for chemical synthesis, wetting agents	300-310	302-315	3-7	13-18
Castor Acids, (ricinoleic acid)	Cosmetics, shampoos, synthetic resins	170-185	180-190	85-90	below 5
Chinawood Fatty Acids, Split	Driers, varnish compounds	196-200	198-202	160-W	38-44
Cocoanut Fatty Acids, Distilled	Soaps, shaving creams, shampoos, dry cleaning soaps, rubber softeners, wetting agent for pigments, alkyd resins	260-275	265-280	9-15	21-25
Cottonseed Fatty Acids, Distilled	Alkyd resins	198-200	200-204	95-110	36-38
Cottonseed Press Cake, Distilled	Base for soap greases and soaps	200-208	200-210	65-70	43-48
C. P. Soapstock, Distilled	Soaps	182-190	185-195	75-80	32-35
D. C. Fatty Acids—low titre, Distilled	Dry cleaning soaps	199-203	202-205	98-104	19-22
D. C. Fatty Acids—high titre, Distilled	Dry cleaning soaps	200-203	202-205	60-80	38-40
Distoline, Distilled	Kier assistant, soaps, metal polishes, driers, insecticides, pulp and paper manufacturing	192-196	195-198	110-120	18-20
Helioline-D, Distilled	Alkyd resins	195-197	198-200	115-125	18-22
Hempseed Fatty Acids, Distilled	Alkyd resins	194-196	196-198	155-160	17-20
Isoline Fatty Acids, Distilled (9-11-octadecadienic acid-1)	Alkyd resins—non-yellowing; driers	195-200	196-203	158-162	below 5
Laundry Soap Base "42"	Production of 42 titre laundry soaps	198-200	200-204	50-60	41-43
Linseed Fatty Acids "Supra", Distilled	Lightest color alkyd resins	200-203	203-206	184-190	20-21
Linseed Acids, No. 1, Split	Alkyd resins	185-190	198-202	182-188	18-20
Linseed Acids, No. 2, Split	Soft soaps, pigment grinding, driers	185-190	198-202	182-188	17-18
Linseed Acids, No. 3, Distilled	Soaps, emulsifying agents	185-190	188-193	155-180	19-23
Marine Fatty Acids, Distilled	Soaps	193-195	196-200	127-145	20-24
Marine Fatty Acids, Raw, Filtered	Soaps, alkyd resins	188-190	194-196	160-170	20-21
Myristic Acid, Distilled	Soaps, cosmetics	237-243	240-246	7-13	42-46
Oleine, White (iron free)	Textile lubrication, pharmaceuticals, dry cleaning soaps, esters, carbon papers, typewriter ribbons.	196-200	199-203	80-90	10-12
Olivine, Distilled	Olive type soaps	196-198	198-200	85-93	22-24
Palm Fatty Acids "42", Distilled	Textile finishing compounds	200-205	203-207	55-60	42-43
Palm Fatty Acids "48", Distilled	Textile finishing compounds, soaps	201-206	203-210	38-48	44-48
Perilla Fatty Acids, Distilled	Alkyd resins	196-201	198-204	190-200	11-15
Rapeseed Fatty Acids, Distilled	Alkyd resins	177-180	180-183	100-110	10-15
Sardine Fatty Acids, Distilled	Alkyd resins	197-203	200-206	115-130	28-36
Soybean Fatty Acids, Distilled	Alkyd resins	195-204	198-207	130-135	25-28
Sunflower Fatty Acids, Distilled	Alkyd resins	197-200	200-203	125-135	20-24
Talloil Acids	Emulsifying agents, soaps	173-182	178-194	180-190	below 10
OTHER PRODUCTS					
Extreme Pressure Base	Automotive lubrication, cutting hard steels; diluted 1:20 withstands 45,000 lbs. per sq. in. pressure.				
Isoline	Synthetic drying oil for lithographic inks, linoleum, paint and varnish industry	3-7	188-193	145-155	
Isoline HB Stand Oil		6-12	196-203	158-162	
Linseed Pitch	Flooring compounds, black paint	70-110	145-160	95-125	
Polycrone C	Wire coating	Polymerization product of fatty acids			
Polycrone L	Oil resistant rubber compounds				
Seedine	The superior dispersing agent for carbon black in rubber compounds	Specifications submitted upon request.			
Woburn Cutting Oils	Efficient, economical sulphur base oils for ordinary metal cutting work				
Woburn No. 8 Oil	Footwear rubber softener				
734 Compound	Gasoline resistant coatings, plasticizer for gums, electrical insulation				

*Unless otherwise indicated, the Hanus Method was used in determining iodine numbers; W indicates Wijs Method.

WOBURN DEGREASING COMPANY of N. J.
CHEMICAL DIVISION · HARRISON. N. J.

Oils, Fats and Waxes

Sales of Tallow at a Further Advance—Greases and Lard Firmer —Whale, Sardine and Menhaden Oils Higher—Chinawood Quiet—Narrow Changes in Cottonseed Oil

A generally steady or firm tone prevailed in the market for miscellaneous vegetable, animal, and fish oils, fats and greases last week, and variations in quotations were narrow as a rule, and devoid of any particular significance. No material change was noticeable in the character of business, much of the purchasing still being limited to comparatively small quantities to meet the current requirements of consumers. In some instances an increase was noted in the inquiry for such lots, however, and prevailing sentiment concerning the outlook for business appeared to be rather more optimistic, the change in the situation in this respect apparently being due mainly to the removal of election uncertainties.

A development of more or less interest in the way of price changes was a small reduction in babassu oil, this being the first downward movement in a considerable period. Coconut oil was easier owing to a further decline in copra and a lessened demand. Chinawood oil was quiet and there was a continuation of the narrow price movements witnessed in recent preceding weeks. Rapeseed oil seemed to be in light supply on spot and the market remained firm though quiet. Refined menhaden, sardine and whale oils were advanced again by local sellers, their action being attributed by some to the recent advance in crude oils. The latter remained firm last week. Greases were firmer. Business in animal oils was quiet but selling schedules were maintained at previous levels. Offerings of tallow continued light and the market retained a firm tone, sales being reported at a further advance.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cottonseed oil, crude, ¼c. per lb.
Grease, ½c. to ¼c. per lb.
Lard, Western, 15c. per 100 lbs.
Menhaden oil, crude, 1c. per gal.
Menhaden oil, refined, 2-10c. per lb.
Sardine oil, refined, 2-10c. per lb.
Soybean oil, 2-10c. per lb.
Tallow, ¼c. per lb.
Whale oil, refined, 2-10c. per lb.

Reduced

Babassu oil, ¼c. per lb
Chinawood oil, ¼c. per lb.
Coconut oil, ¼c. per lb.
Copra, 15-100c. per lb.
Teaseed oil, ⅝c. per lb.

Comparative Values

Index numbers compiled from twenty-three typical oils, fats and greases on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
134.1	**133.8**	**136.4**	**146.9**

Market news that may have developed after this report was sent to press will be found on page 4.

Vegetable Oils

Babassu.—The market was easier, 9c per pound being quoted for tankcars against 9¼c. in the previous week. Demand continued good. Factory production in the United States during the September quarter was 6,049,466 pounds; consumption 8,711,127 pounds; factory and warehouse stocks September 30, 1,170,211 pounds. Importations of babassu nut during the September quarter 4,840 tons; consumption 4,792 tons; stocks September 30, 318 tons.

Chinawood.—Narrow price movements continued to feature domestic markets last week in the absence of sharp fluctuations in the primary center where shippers still appeared to be disinclined in many cases to await developments in consuming countries. In such circumstances changes in quotations in primary and domestic markets were devoid of any particular significance. In the markets here and on the Coast quiet conditions prevailed much of the time. Inquiries were not entirely lacking but such transactions as were reported were limited to unimportant quantities. Late in the week prices here were slightly below those prevailing at the close of the previous period. According to Census Bureau statistics importations during the September quarter were 31,449,658 pounds; consumption 26,623,782 pounds; factory and warehouse stocks September 30, 44,753,882 pounds.

Corn.—Offerings of crude oil continued light and the market was quiet though steady. Factory production of crude oil during the September quarter 34,128,390 pounds; consumption, 40,701,945 pounds; factory and warehouse stocks, September 30, 14,164,823 pounds. Refined oil production, 34,485,353 pounds; consumption, 6,287,175 pounds; factory and warehouse stocks, September 30, 8,067,723 pounds. Importations of edible corn oil for consumption during the September quarter, 7,225,134 pounds.

Cottonseed.—Edible oil was steady, quotations being held at previous levels by refiners. Imported oil was quiet and steady. Importations of crude oil during the September quarter, 839,418 pounds; refined, 30,058,314 pounds.

Olive.—Denatured oil offerings were light and the market was steady with quotations still largely nominal. Foots met with a fair demand in a jobbing way and quotations were stationary. Consumption of foots during the September quarter, 6,789,327 pounds; inedible oil, 2,848,129 pounds; edible, 657,613 pounds. Factory and warehouse stocks of foots, September 30, 7,020,123 pounds; inedible oil, 2,740,746 pounds; edible, 2,779,085 pounds. Importations of edible oil during the September quarter, 14,966,121 pounds; inedible, 4,808,396 pounds; foots, 5,526,266 pounds.

Palm.—A steady tone prevailed and quotations underwent little change. There was a fair inquiry for moderate quantities. Importations of palm oil during the September quarter, 79,021,126 pounds; edible palm kernel oil, 4,996,624 pounds. Palm oil consumption in September quarter, 79,671,242 pounds; factory and warehouse stocks, September 30, 84,863,673 pounds. Production of refined palm kernel oil in September quarter, 13,056,809 pounds; consumption, 9,816,433 pounds; factory and warehouse stocks, September 30, 2,269,448 pounds.

Perilla.—Quotations were about stationary. A fair inquiry was noted for moderate quantities. Importations during September quarter, 36,732,732 pounds; consumption, 22,015,745 pounds; factory and warehouse stocks, September 30, 38,777,107 pounds.

Rapeseed.—Demand was quiet but stocks appeared to be light on spot and the market was firm at the recent advance. Importations during September quarter, 23,359,268 pounds; consumption, 12,898,266 pounds; factory and warehouse stocks September 30, 20,868,083 pounds.

Soybean. — Selling schedules were 2 cents above previous levels. There was a steady movement into consuming channels on contracts and transient orders. Factory production of crude oil during September quarter, 44,199,118 pounds; consumption, 50,416,168 pounds; factory and warehouse stocks, September 30, 21,560,308 pounds; refined production, 44,309,562 pounds; consumption 44,910,010 pounds; factory and warehouse stocks, September 30, 16,675,581 pounds.

Markets at Other Centers

San Francisco, Nov. 2.—The pre-election period, coupled with another maritime strike affecting the entire Pacific Coast, were factors last week which specifically contributed to a dull period of business in vegetable oils here. Prices ranged largely nominal throughout the week, business reaching a stagnant stage in practically all but coconut and chinawood oils, where a little trading was done on a hesitating basis.

Ruling prices are:—

BABASSU.—Quoted nominally, subject to offerings being available, at 9¼c. per pound in tankcars for deferred shipment, f.o.b. mills, Coast.

COCONUT.—Quoted today at 6¼c. per pound, prompt to nearby shipment in tankcars, f.o.b. Pacific Coast, with one seller indicating lower. Deferred shipment positions quoted at from 5⅝c. to 5¾c.

CHINAWOOD.—Quoted at 12½c. per pound in tankcars for November-December shipment from the Pacific Coast and 12.20c. for January-June shipment.

COPRA.—Considerable easiness has come into the copra market, when last week buyers of the material on the Pacific Coast reported they had indications from sellers in the Philippines that business could be consummated at approximately 3.65c. per pound, c.i.f. Pacific Coast ports. As a rule business is light, a transaction or two having been made at just above this figure before the market eased further. Within the last day or so strike conditions have paralyzed any further buying action here. Meal is quoted at $35 per ton for domestic, ex mill; Philippine meal quoted at $33.25, ex dock, San Francisco.

COTTONSEED.—Semi-refined foreign oil is quoted at 9⅝c. per pound, duty paid, in tankcars, f.o.b. Pacific Coast, November-December shipment.

PERILLA.—Japanese oil is quoted at 9c.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7

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per pound in tankcars, prompt to deferred shipment from the Pacific Coast.

HEMPSEED.—Crude oil is quoted at 7¾c. per pound in tankcars, f.o.b. mill, Pacific Coast, with drum lots at 8½c., prompt shipment. Refined oil quoted at 8¾c. per pound in tankcars, with drum lots at 9½c., ex warehouse.

RAPESEED.—Non-denatured, pure refined oil not quoted, owing to depletion of stocks on Pacific Coast plus factor of new duty.

TEASEED.—Quoted at 9c. per pound in drums, c.i.f. Pacific Coast for prompt shipment from the Orient. New crop, January-February oil, quoted at 8½c.

SESAME.—Crude oil is quoted at 9c. per pound in tankcars, f.o.b. mill, Pacific Coast.

Chicago, Nov. 6.—Buying of vegetable oils has not attained very heavy proportions in any direction at present. Inquiries continue to drift into the market in limited volume. Buyers are cautious about proceeding very far, possibly not yet having recovered from election uncertainties.

COCONUT.—Crude oil, 6c. per pound, for deferred delivery to 6½c. for November movement, Coast basis. Refined, edible oil, 11¾c. to 12c. per pound, barrels, car lots; and 12c. to 12¼c., barrels, less than car lots.

CORN.—Crude, low acid, 8¾c. to 9c. per pound, partly nominal, tanks, mills. Refined, edible oil, 11¾c. to 12c. per pound, barrels, car lots; and 12c. to 12¼c., barrels, less than car lots.

CHINAWOOD.—Ruling, spot, drums, 14c. to 14¼c. per pound; futures, 13c. to 13¼c.

SOYBEAN.—Crude, prompt shipment, 7⅞c. to 8c. per pound, mills; deferred shipment, same.

PEANUT.—Crude, 8¾c. to 9c. per pound.

Chicago, Nov. 6.—Range on soybeans for the week ended November 4—No. 2, yellow, spot: High, $1.26 per bushel; low, $1.23.

London, Oct. 29.—Soybean oil, British crude, 31s. 9d. per hundredweight; palm kernel oil, refined, 33s. per hundredweight; rapeseed oil, crude extracted, 33s. 6d. per hundredweight; coconut oil, Ceylon, 25s. per hundredweight; peanut oil, Bombay, crude, 28s. per hundredweight.

Linseed Oil

Changes in flaxseed prices were generally narrow in domestic and foreign markets last week. Linseed oil, cake and meal steady.

Flaxseed—DULUTH, Nov. 6.—With the freeze-up season at hand, considerable concern is expressed among the flaxseed trade concerning the outlook for the 1937 domestic crop. Dry weather has prevailed throughout the Northwest during the last two months, with the result that flax areas have little surface moisture and a definite shortage of subsoil moisture. With the ground freezing, it is believed further precipitation before Spring would have little important effect. Heavy rains in Northern Argentina have led to some apprehension of wet harvest conditions. Trade advices reported early cutting was started in Northern Cordoba province. Local cash business continues quiet. Spot flax was quoted at Duluth December to 10c. over when the week opened.

The week's closing price range was as follows:—

	Cash.	Dec.	May.
Saturday	...	$2.03	$1.96½
Monday	...	2.04½	...
*Tuesday	...	...	...
Wednesday	2.14½	2.04½	1.98
Thursday	2.14½	2.04½	1.98
Friday	2.13¾	2.03¾	1.98

* Holiday.

Crop movement in bushels follows:—

	Receipts 1936.	Receipts 1935.	Shipments 1936.	Shipments 1935.
This week..	120,641	88,893	20,357	446,197
Since Aug. 1...	739,708	2,877,638	469,431	1,571,751

MINNEAPOLIS, Nov. 6.—Demand for cash flax remained good through the week, but because one of the more aggressive buyers dropped out on account of labor trouble premiums slipped several cents. Elevator competition for choice seed to be used for mixing then helped the tone and later a new buyer came in. Net loss for the weekly period ending Monday was slight and daily offers moved very readily, despite the fact that the strike of mill and elevator workers threatened to break out anew when one of the milling companies changed hours of its employees and precipitated fresh picketing operations.

Virtually all of the flax came to Minneapolis, Duluth buyers showing no interest on account of the imminence of Argentine imports. So far as reported none of this Argentine seed has arrived at the head of the lakes as yet. Some is expected any time. Argentine corn came to Duluth last week and it was expected that the flax would arrive in the same boat.

Most of the seed coming to market at present originates in northern territory and is of good quality. A few scattering offers come from southern territory. Most of the crop of the southern area seems to have been marketed.

Local public elevator stocks increased 30,000 bushels in four days compared with an increase of 35,000 during the same period a year ago. With mills operating at about 65 percent of capacity private stocks are being drawn on steadily.

The week's closing price range was as follows:—

	Cash.	Dec.	May
Saturday	$2.18	$2.06	$1.98
Monday	2.20	2.08	1.99
*Tuesday	...	...	...
Wednesday	2.21	2.08	2.00
Thursday	2.21½	2.08½	2.00½
Friday	2.21½	2.03½	2.00½

* Holiday.

Crop movement in bushels as follows:—

	Receipts 1936.	Receipts 1935.	Shipments 1936.	Shipments 1935.
This week..	172,960	236,610	....	49,420
Since Sept. 1...	854,680	5,667,010	180,240	481,650

WINNIPEG, Nov. 6.—The market for flaxseed futures was quiet. Prices were irregular. The week's closing range was as follows:—

	Cash.	Dec.	May.
Saturday	$1.62½	$1.63½	$1.66½
Monday	1.62	1.63	1.66½
Tuesday	...	...	...
Wednesday	1.60	1.61	1.64⅛
Thursday	1.60¼	1.61¼	1.64¼
Friday	1.59¾	1.60¾	1.64

BUENOS AIRES, Nov. 6.—Opening prices per bushel on November contracts were:—

	Last week.	Last year.
Saturday	$1.15⅞	*
Monday	1.15⅞	$1.08¼
Tuesday	1.15⅞	1.05¾
Wednesday	1.15⅞	1.05¾
Thursday	1.15⅞	1.06¼
Friday	1.15⅞	1.05¼

* Holiday.

Exports

To—	Bushels Last week.	Previous week.	Last year.
United States	83,000	717,000	276,000
United Kingdom	.....	.....	.....
Continent	350,000	161,000	378,000
Orders	323,000	555,000	689,000
Others	20,000	16,000	20,000
Totals	776,000	1,449,000	1,363,000

Since January 1

To—	Bushels This year.	Last year.
United States	11,934,000	13,723,000
United Kingdom	843,000	1,311,000
Continent	24,636,000	26,993,000
Orders	11,986,000	19,477,000
Others	2,633,000	2,804,000
Totals	52,032,000	64,398,000

Visible Supply

	Bushels.
Last week	3,937,000
Previous week	3,937,000
Last year	3,543,000

INDIA.—Exports of flaxseed from India last week were as follows:—

To—	Bushels Last week.	Previous week.	Last year.
United Kingdom	8,000	12,000	.....
Continent	16,000	20,000	.....
Others	.....	.....	304,000
Totals	24,000	32,000	304,000

Since April 1—	Bushels This year.	Last year.
United Kingdom	6,760,000	1,972,000
Continent	808,000	508,000
Others	328,000	768,000
Totals	7,896,000	3,248,000

HULL, Nov. 6.—Quotations on flaxseed were:—

	Per ton La Plata.	Bombay.
Saturday	£11¼	£18⅜
Monday	11⅛	13¼
Tuesday	11¼	13⅜
Wednesday	11⅛	13¼
Thursday	11	13⅜
Friday	11	13⅜

Linseed Oil.—Selling schedules were generally maintained at previous levels by crushers as variations in flaxseed prices in domestic and foreign markets were within comparatively small limits. At the close of the week quotations on oil ranged from 8.8c. to 9c. per pound for tankcars with the usual differential for oil in cooperage. The tone of the market appeared to be fairly steady, although reports were current to the effect that the inside could be shaded slightly on a bid.

There was little change in the character of business. In some instances a rather better inquiry was noted, but actual transactions were apparently limited to unimportant quantities. In the opinion of some no material broadening of business is likely to be witnessed until the matter of the minimum flaxseed price in Argentina has been officially announced.

Withdrawals of oil on contracts were steady, however, and the output of the mills was being moved promptly into consuming channels. According to some reports no supplies at the mills are very small and likely to remain so for some time, despite an increase in production recently.

Cash flaxseed was in good demand in Northwestern markets, with competition for choice grades reported as keen. More favorable reports were received concerning the quality of the arrivals. There were reports of heavy rains in parts of Argentina where they seemed to some as likely to do more harm than good at this period, but such accounts found no reflection in the action of the Buenos Aires market.

An estimate of the probable exportable surplus in Argentina for the coming season put it at 59,000,000 to 69,000,000 bushels, depending on weather conditions during the next two months. A year ago an estimate of the exportable surplus from the same source put it at 48,000,000 to 60,000,000 bushels. The exports from Argentina to all destinations thus far this year have amounted to 52,032,000 bushels.

The U. S. Bureau of Agricultural Economics, in a review of the flaxseed outlook for 1937, said:—"Both world demand for flaxseed and world supplies will probably be larger during the marketing of next year's domestic crop than during the current marketing season. World supplies of flaxseed on August 1, 1937, seem likely to be considerably above those available this year, if conditions are more nearly normal than during the last few years, when severe droughts in North America and in Argentina have reduced production far below normal. Domestic building activity and national income are expected to be higher in the fall of 1937 than at present. Some increase in building activity in Great Britain in 1937 is also expected. These factors, together with current moves toward stabilization of currencies and removal of barriers to international trade, would seem to justify the expectation of a somewhat greater world demand for flaxseed in the fall of 1937 than at the present time."

Receipts of flaxseed at New York last week were 666,220 bushels.

MINNEAPOLIS, Nov. 6.—Pre-election sentiment and unsettled ideas concerning the possible course of the Argentine government regarding pegged prices put a blanket over the linseed oil market for the week. Buyers kept in touch with the situation through inquiries, but refused to make any contracts. Even the small lot business for quick or nearby shipment was light and uninteresting.

Shipping instructions on maturing contracts held fair up to the end of last week but currently are rather slow in tone, probably on account of the election. Few of the buyers show inclination to stock up with much oil at this time. Crushers are operating about 65 percent of their presses and still have a little oil in reserve to take care of old business.

Crushers are waiting rather impatiently for the Argentine situation to clear up because they look for rapid improvement in trade when the new peg price or change in foreign exchange rate has been decided upon. There is some inquiry for deferred oil but no contracts are being written.

Quotations on linseed oil f.o.b. Minneapolis, carlots, cooperage, 9.8c. per

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7.

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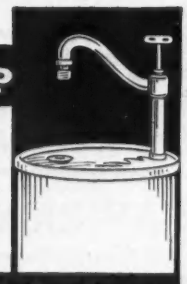
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pound, tankcar 9.2. per pound and warehouse 10.2c. per pound.

Shipments of oil in pounds were as follows:—

	1936.	1935.
This week	1,122,698	2,094,463
Since Sept. 1	8,749,521	26,323,950

CHICAGO, Nov. 6.—The linseed oil market has been holding quiet and unchanged over the period of election uncertainty. Ruling prices are:—Tankcar, 9.2c. per pound; car lots, 9.8c.; warehouse deliveries, five drums, 10.2c.

SAN FRANCISCO, Nov. 2.—Completely unchanged in practically every respect, the linseed oil market went through a dull period. The situation has not been helped to any extent by the shipping and warehouse strike here which has gone into effect. Quoted:—Tankcars, 9.5c. per pound; drum car lots ex mill, 9.7c.; drum lots ex warehouse, 10.5c.

LONDON, Nov. 6.—Quotations on linseed oil were:—

	Per cwt. s.	d.
Saturday	24	6
Monday	24	3
Tuesday	24	6
Wednesday	24	3
Thursday	24	3
Friday	24	3

Cake and Meal.—A steady tone prevailed in the absence of important changes in flaxseed quotations, spot prices for both cake and meal remaining where they stood at the close of the previous week. There were reports of a somewhat better inquiry for moderate quantities of meal. Export inquiry for cake was fair.

MINNEAPOLIS, Nov. 6.—Re-sellers had momentary influence in the market for linseed meal because they wanted to dispose of some stuff they had coming to them at the turn of the month. Now they are back in line again and the tone of the market is better.

Considerable meal is still moving to milling companies and mixed car feed handlers. This class of demand is rather good. Interior demand for full car lots is slowest and buyers show little interest in deferred shipment despite much colder weather through the northwest.

Quotations on carload lots f.o.b. Minneapolis, 100 pound sacks, 30 percent protein, $39.00 to $39.50 per ton, 34 percent protein $44.00 to $44.50 per ton.

Shipments of meal in pounds were as follows:—

	1936.	1935.
This week	2,836,230	5,215,050
Since Sept. 1	17,470,627	47,246,357

CHICAGO, Nov. 6.—Linseed meal has been moving along on a moderately active basis. Prices are just about holding their own, but are not particularly strong. Round lot business is slow. Ruling prices are:—Round lots, $45.50 per ton, largely nominal; car lots, $45.50 to $46; less than car lots, $47.50 to $48.

Cottonseed Oil

Local and southern markets for cottonseed products continued quiet much of the time last week and price movements were narrow. Southern offerings of crude oil and other products were light.

Cottonseed Oil.—The local market for refined oil futures was quieter last week. Business was suspended on Tuesday, a legal holiday, and trading on other days of the week were on a comparatively small scale. The uncertainty that prevailed for some time regarding the outcome of the national election was displayed in some instances by a more optimistic feeling concerning the outlook for general business, but traders in not a few instances were disposed to hold off for further developments before adding materially to their commitments on either side of the market. In such circumstances price movements were narrow and devoid of any particular significance, although the trend at times was upward.

Developments in the markets for securities and other commodities which usually have more or less effect upon sentiment in cottonseed oil circles were in the main of a bullish character. The stock market displayed buoyancy after the election and the drift of lard futures was upward at times. Moreover, tallow ruled firm, sales being reported at a further advance.

Southern markets for crude cottonseed oil were steady or firm. Memphis reported sales at 8⅝c. and that figure was asked late in the week with buyers bidding 8½c. Offerings continued light despite favorable weather conditions for picking and ginning cotton and marketing seed. Prices demanded for seed were also reported as firm in all sections, $38 per ton being quoted at Memphis. Marketing of hogs continued on a rather liberal scale, but the weight of the hogs showed a further decrease. Arrivals in the principal western centers for three days of the week were 164,800 head against 114,910 head in the same time last year.

The weight of the hogs received at Chicago during the week ended October 31 was 219 pounds against 221 pounds in the previous week and 231 pounds in the week before that. During the week ended September 5 the average weight of the hogs received in that market was 265 pounds and there has been a practically uninterrupted decrease in the weights since that date. Stocks of lard in Chicago decreased 366,100 pounds during October against a decrease of 2,579,800 pounds in the same month last year. Stocks there November 1 were 62,335,664 pounds, or about 49,000,000 pounds more than on the same date last year.

Under date of November 2, the New York Cotton Exchange Service, in discussing the cotton crop situation, said:—"The ginnings to October 18, interpreted in conjunction with the percentages reported by our correspondents, and in the light of weather developments since October 18, appear to indicate that the crop prospect has improved appreciably since the first of October, or the outturn is proving better than was anticipated in North Carolina, and perhaps, to a lesser degree, in Mississippi, Louisiana, and Tennessee. It would seem debatable whether the prospect in Texas is equal to that at the beginning of the month. It is generally believed in trade quarters that the gains have exceeded the losses by a few hundred thousands of bales. A substantial amount of cotton in the northeastern part of the belt is very late, and is still subject to damage from frost coming quickly. On the basis of past records, a killing frost may be expected to occur in that section at any time."

Following is a record of the market for bleachable prime Summer yellow cottonseed oil futures on the New Yorkv Produce Exchange from October 31 to November 6, inclusive:—

	Cents per lb. in tanks— High.	Low.	Close.	Sales. Tanks.
November	...	...	9.95 nom.	..
December	10.10	9.83	9.95@10.00	25
January	10.14	9.89	10.05@10.08	25
February	...	...	10.15 nom.	..
March	10.25	10.00	10.16@10.19	87
April	...	...	10.30 nom.	..
May	10.28	10.04	10.22 sale	109
June	...	...	10.25 nom.	..
Total sales (18 switches)				264

Crude, Southeast, 8.62½c. nom.
Valley, 8.62½c. nom.
Texas, 8.50c. nom.

Cake and Meal. — A steady tone continued to prevail in Southern spot markets as a rule. Quiet conditions ruled so far as new business was concerned but the movement on unfilled contracts was reported as steady. There was an impression in some quarters that the monthly census report would be likely to make a bullish showing.

Markets at Other Centers

Atlanta, Nov. 4.—The market for cottonseed products is steady and trade in seed active as harvesting and ginning continues. Weather continues favorable for gathering the crop as well as for maturing the late top crop.

Quotations are:—

OIL.—Prime crude, 8⅝c. per pound.

MEAL.—7% grade, $29 ton, interior mill points.

HULLS.—Loose, $11 ton.

SEED.—$36 ton, shipping points, Southeast.

Memphis, Nov. 6.—Crude cottonseed oil quiet and steady. Some scattered sales this week at 8⅝c. per pound, Valley basis, the oil going to smaller buyers. Today 8½c. bid, and 8⅝c. asked. Only a few scattered tanks are available. Meal in fair demand and steady at $31 per ton for prime 41 percent, Memphis. Slab cake $28.50 per ton, Valley basis. Cottonseed $38 per ton. Weather now clear and cool. Heavy killing frost last night extending South to Mississippi-Louisiana line.

Closing cottonseed meal quotations on the Memphis exchange were as follows:—

	October 29.	November 5.
December	$30.10@30.40	$30.50@——
January	30.10@30.40	30.50@——
March	30.20@30.40	30.40@30.50
May	30.20@30.45	30.35@30.50
June	30.20@30.75	30.40@——

Chicago, Nov. 6.—A quiet and fairly well stabilized market is reported for cottonseed oil. Takings by buyers are along moderately good lines. Good, off-Summer, yellow fig oil is 10c. to 10⅛c. Refined, edible oil is quoted at 11c. to 11⅛c., barrels, car lots; and 11¼c. to 11½c., barrels, less than car lots.

Hull, Nov. 6.—Quotations on cottonseed oil were:—

	Refined. Per cwt. s.	d.	Egyptian crude. Per cwt. s.	d.
Saturday	28	0	25	6
Monday	28	0	25	6
Tuesday	28	0	25	6
Wednesday	28	0	25	6
Thursday	28	0	25	6
Friday	28	0	25	6

Animal Oils

Degras. — Demand was fairly active and the market retained a firm tone. Factory production in the United States during the September quarter was 2,266,040 pounds; consumption 1,617,740 pounds; factory and warehouse stocks September 30, 2,775,439 pounds. Importations for consumption during the September quarter were 3,369,644 pounds.

Lard. — The market had a steady tone, selling schedules being maintained by producers at previous levels. There was a fair demand. Factory production during the September quarter, 7,875,402 pounds; consumption, 3,825,277 pounds; factory and warehouse stocks September 30, 4,451,579 pounds.

Neatsfoot. — Quotations were stationary during the week. Business was quiet. Factory production during the September quarter, 1,640,051 pounds; consumption, 1,434,459 pounds; factory and warehouse stocks September 30, 1,708,444 pounds.

Oleo. — Prices were unchanged and the tone of the market appeared to be steady. Factory production during the September quarter was 25,539,969 pounds; consumption, 5,049,248 pounds; factory and warehouse stocks September 30, 6,612,389 pounds. Exports during September quarter, 2,483,387 pounds; oleo stock, 1,238,277 pounds.

Tallow. — The market was quiet and steady. Factory production during the September quarter, 2,606,575 pounds; consumption, 1,847,235 pounds; factory and warehouse stocks September 30, 1,950,788 pounds.

Markets at Other Centers

Chicago, Nov. 6.—Price changes have been limited in the animal oils market. Most buyers have continued to take out routine requirements. Tone is fairly firm.

LARD.—No. 1, 10¼c. per pound; No. 2, 10c.

OLEO.—No. 2, 9¾c. to 10c. per pound.

TALLOW.—Acidless, 9c. per pound, tanks; 10c., drums, less than car lots.

Fish Oils

Cod.—Quotations were maintained, the tone of the market being firm. A fair inquiry was reported. Importations of cod oil during the quarter ended September 30 were 4,757,535 pounds. Factory production of cod and codliver oils in the United States during the September quarter was 712,266 pounds; consumption 5,474,934 pounds, factory and warehouse stocks September 30, 16,128,108 pounds. Factory production of other fish oils, 77,268,681 pounds, consumption, 63,306,738 pounds; stocks September 30, 116,574,929 pounds. Factory production of marine animal oils, 4,219,875 pounds; consumption, 8,292,746 pounds; stocks, 22,788,707 pounds.

Menhaden.—The refined situation continued to be featured by a firm tone, quotations being advanced 2-10c. per pound by local interests. Consumers were not disposed to anticipate but a somewhat better demand was noted for small or moderate quantities to fill current needs. Crude oil was quiet but offerings were light and the market was apparently firm at the recent advance.

Sardine.—Selling schedules were advanced 2-10c. per pound by local refiners and the market appeared to be firm at the advance. Consumers were disposed to adhere to a 'conservative course in purchasing, demand for moderate quantities being fairly active. The Pacific Coast market for crude was reported as firm.

Whale.—Refined oil was firmer, quotations being advanced 2-10c. per pound. There was a somewhat better demand for small or moderate quantities for prompt shipment. Importations during the September quarter were 3,333,255 pounds.

Markets at Other Centers

San Francisco, Nov. 2.—A full moon period, tying up production temporarily, plus the rather uncertain effect on the fishing industry that the present marine strike on the Pacific Coast will have, discouraged further marketing operations in fish oils last week, while sellers of oil in this section of the state were refusing bids for their material at figures of 36 cents per gallon. It was likewise stated here today that following some fairly substantial sales of oil in the southern portion of the state a fortnight or so ago at 37½ cents, producers in that area were marking time on their selling operations.

Potential and present production on fish oils has been well sold up, according to a consensus of the trade here. There will be no further large-scale sales of oil out of Northern California at least, although Southern California has as yet to dispose of a fairly large amount of oil. Production in that district was scheduled to get under way shortly, a meeting of the Fish and Game Commission being scheduled within two days to allot fisheries in that district permits for open reduction of sardines. However, it was pointed out that nothing stood in the way of the southern fisheries to commence canning operations this week and reduce by-product oil during the five-day period between the opening of the season on November 1 and the date of November 5, when the Fish and Game Commission meets. It is expected that all plants will be granted the 2,000-ton permits for November as have prevailed here in Northern California during September and October. Some 12 plants are scheduled to get under way in the San Pedro district and three will be operating in the San Diego area.

Ruling prices are:—

SARDINE.—California sardine oil quoted on nominal basis only, with bids of 36c. per gallon in tankcars, San Francisco and Monterey being rejected. Sellers expect higher prices.

Baltimore, Nov. 6.—As often happens near the close of the menhaden fishing season, oil prices advance as supplies diminish and the factories find themselves with a little more of oil on hand than they had expected would be required to enable them to fill the orders taken at the start. This experience is being repeated for the factories down the Chesapeake Bay, which have managed gradually to mark up their figures as requirements develop here and there. The volume of business done is not large, a tank here and another there being placed. For such transactions during the last week from 31 cents to 32 cents per gallon was asked against 30 cents the week before. No considerable quantity of oil could be obtained at this level because the fish for some weeks has been small and gradually diminishing, so that the fishing companies are not likely to operate much longer. Perhaps the next week will see the end of activities. The season has been fair in point of business done, and the returns were on the whole better than those of a year ago. Mild weather enabled the vessels to work longer than would otherwise have been the case.

Chicago, Nov. 6.—Fish oil business remains quiet, with the outlook considered by a good many market observers to be more or less beclouded.

MENHADEN.—East Coast, 27c. to 28c. per gallon.

SARDINE.—Pacific Coast, 33c. to 34c. per gallon.

SALMON.—Pacific Coast, sellers' tanks, 32c. to 33c. per gallon.

Fats and Greases

Grease.—The market had a firm tone, quotations in some instances being ⅛c. to ¼c. per pound higher. There was a fairly active demand. Factory production of grease of all kinds during the September quarter was 82,138,725 pounds; consumption 53,264,913 pounds; factory and warehouse stocks September 30. 64.320,800 pounds.

Lard.—Cash demand was fair though consumers showed little disposition to purchase ahead. Export trade was fair. Receipts of hogs in Western markets continued rather liberal but the weight of the hogs showed a further decrease. Factory production of edible lard in the United States during the September quarter was 229,185,566 pounds; consumption 4,412,049 pounds; factory and warehouse stocks September 30, 99,501,319 pounds. Factory production of lard compound and other lard substitutes during the September quarter 438,606,492 pounds; factory and warehouse stocks September 30, 40,618,547 pounds.

Stearin.—The market was steady at the recent decline. There was a fair inquiry. Factory production during the September quarter 15,267,514 pounds; consumption 14,985,396 pounds; factory and warehouse stocks September 30, 1,923,251 pounds.

Tallow.—The market retained a firm tone. The inquiry was rather more

(Continued on page 46)

Staley Has Small Fire

DECATUR, Nov. 4, 1936.

Fire of unknown origin last night damaged the upper floor of the Old Oil refinery building of the A. E. Staley Manufacturing Company. The damage was confined to the one floor and the roof, and the loss is not serious. Repairs are already being made, and it is expected that operations will be resumed in a few days.

The fire will have no effect on contracts or shipments, the company says. Business is being carried on as usual.

Current prices on animal, vegetable, and fish oils (under Oil), fats, and greases (under Grease) are given in the alphabetical list of prices beginning on page 7.

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- METHYL SALICYLATE U. S. P.
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- STRONTIUM SALICYLATE N. F.

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Drugs, Fine Chemicals

Two Thousand Six Hundred Flasks of Quicksilver Due November 12 from Cuba and Prices Ease—All Kinds of Glycerin Sharply Higher — Menthol Dull

The outstanding feature in the market for drugs and fine chemicals last week was the sharp rise in quotations on all forms of glycerin. Quicksilver was somewhat lower in price in keeping with light demand and the pending arrival of two thousand six hundred and fifty flasks originating in Spain and now enroute to this country from Cuba. Even the total stoppage of all shipping from the Pacific Coast failed to prevent the easing of spot prices. Seasonal articles were to the fore again, buyers for distribution and consumption being disposed to prepare adequately to care for the much larger demand almost certain to develop when the Winter season comes.

Underproduction of glycerin in this country continued to keep prices rising. Demand for refined glycerin was in excess of the ability of refiners to supply. Hence, they were unable to set up any reserves and in order to meet their contract requirements they were compelled to pay advancing prices on crude material in all parts of the world. A tight and undersupplied market was expected to continue over the balance of this year at least.

The quicksilver cargo on the steamship Manuel Arnus, held in Havana, Cuba, because its officers had charged the crew with mutiny on the high seas, has been transshipped to the steamship Munargo, due here November 12. This metal was expected to cover wants of manufacturers. Hence, the fact that no metal can be shipped from the Pacific Coast, and the further fact that spot stocks of domestic metal were very small, failed to prevent an easing of prices. Mercurials were unchanged.

Demand for alcohol used as an antifreeze in motor car radiators continued to be checked by unseasonably warm weather, especially in the East. However ,a downward dip in temperature came late in the period and movement expanded moderately. Industrial users of alcohol continued to take out fair-sized quantities.

Menthol was quiet, mainly because production was starting in Japan where prices had been substantially easier and lower of late. Methanol held very well notwithstanding the recent reduction in prices on competing material. Quinine was firm and subject to expanding request.

Acid, Citric.—Demand was irregular for the most part, consisting of a volume about normal for this, the less active season of the year. Prices seemed to be fairly steady.

Acid, Tartaric.—Business was routine in kind, but on the whole volume was well up to that normal for the article at this season of the year, and the market as a whole was steady to firm throughout the past week.

Adeps Lanae.—Some qualities of this article were higher in price, and the general tendency of values was upward in direction. Replacement costs at all sources of supply showed considerable strength. Demand on the spot was called very good.

Agar Agar.—Not much change in the general situation was noted. Spot prices were still very favorable when compared with what it costs to bring further supplies forward from the primary market. In most respects, conditions here seemed to be the forerunners of a probable advance in local quotations.

Alcohol.—Antifreeze sales were checked again by weather so warm that a highly unseasonal situation prevailed, especially in the East. Toward the close of the period, indications favored a drop in temperatures, but until Indian Summer ends, normal sales of antifreeze alcohol were expected to be impeded. Prices were considered to be very low, a condition which was clear evidence of the very sharp competition between sellers of all sorts of antifreeze materials. Other kinds of denatured alcohol received a very fair call from industrial users, and general quotations on this group were held to be on the firm side.

Ammonia Bromide.—The movement into consumption has improved parallel with the arrival of the season when buyers can expect an increased demand from consumers. Prices proved to be very steady.

Ammonia Chloride.—Interest in offerings was very good, there being a seasonal gain in the requirements of buyers. Prices were steady to firm throughout the period and all signs seemed to point toward a probable stable market during the season of larger request.

Antipyrene.—Distributors and manufacturing consumers showed a disposition to increase their reserves in keeping with the probable increase in their requirements as the active consuming season gets under way. A steady to firm market was the rule at all times last week.

Bismuth Metal and Salts.—Little if any change came to the market for this material. The position of metal was one of substantial strength while that held by salts was firm in keeping with the cost of production and the steady demand for normal quantities of the major items in the group.

Caffeine.—The usual improvement in demand for citrated material was expected to develop in the not far distant future as the season is already fairly well advanced toward the active consuming period of the year. Prices were found to be in very firm position last week and stability was expected to continue.

Camphor Monobromated.—Business in this article has not expanded much as yet but the season when consumption gains was close at hand and sellers looked for a normal movement in the not far distant future.

Castor Oil.—Undertones were said to be firmer. Somewhat more strength was reported to have developed in the market, reflecting in part the present cost of production and also the somewhat improved movement into consuming channels. Prices were very steady.

CHICAGO, Nov. 5.—Castor oil is quite strong, with prices holding unchanged. Buying is largely routine, being mostly without feature. Basic bean market conditions are reported healthy and trade buyers seem anxious to take care of all their nearby needs. Ruling prices are:—No. 1, drums, car lots, 10⅞c. per pound; drums, less than car lots, 12c.; barrels, car lots, 11⅛c.; barrels, less than car lots, 12¼c.; five-gallon tins, 13¼c.; one-gallon tins, 15¼c.; No. 3, drums, car lots, 10⅜c.; drums, less than car lots, 11⅛c.; barrels, car lots, 10⅝c.; barrels, less than car lots, 11¾c.

Cocoa Butter.—The strength of this item in recent weeks was unabated. Cost of production held high in keeping with what has been paid for cocoa beans. Also, demand was a supporting factor last week, showing considerable gain. The tendency of prices was still upward.

Codeine Salts.—The call for phosphate and sulphate was somewhat larger. The gain was one to be expected at this season of the year and it contributed to the very firm position in which the articles were held at all times last week. Stocks seemed to be adequate, in contrast to the scarcity that prevailed a year ago.

Ephedrine.—The demand was principally for hydrochloride and sulphate, these being the items that usually receive improved demand with the advent of the cold weather season. The market

Price Changes

Prices were changed during the past week as follows:—

Advanced

Glycerin, C. P., 2c. per lb.
dynamite, 2c. per lb.
saponification, 1c. per lb.
soaplye, 1c. per lb.
Silver bullion, London, ½ pence per oz.

Reduced

Quicksilver, $2 per flask.

Comparative Values

Index numbers compiled from thirty-five typical drugs and fine chemicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
179.8	179.8	180.3	187.3

Market news that may have developed after this report was sent to press will be found on page 4.

Current prices on drugs and fine chemicals are given in the alphabetical list of prices beginning on page 7

C/P
CHEMICALLY PURE GLYCERINE U. S. P.

PROCTER & GAMBLE
Largest Producers and Refiners of
CHEMICALLY PURE GLYCERINE
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FORMALDEHYDE
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Salicylic Acid
Sodium Salicylate
Methyl Salicylate
Minor Salicylates
Guaiacol
Creosote
Guaiacol Carbonate
Creosote Carbonate
Potassium Guaiacol Sulfonate
Benzyl Chloride
Benzoate of Soda
Benzaldehyde
Benzoic Acid
Silver Proteins
Bromides
Glycerophosphates
FINE HEYDEN CHEMICALS
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appeared to be well stabilized at current quotations.

Glycerin.—Prices were advanced 2c. per pound, being another sharp rise in values that had been more or less expected because of the constant advance in the cost of crude glycerin and the total absence of reserves in the hands of the principal refiners. New quotations were as follows:—C. p., drums, car lots, 21½c. per pound; less than car lots, 22c. to 23c.; cans, less than car lots, 22½c. to 23½c.; dynamite, car lots, 21½c.; less than car lots, 22c. to 23c.; saponification, 17½c. to 18½c.; soaplye, 16c. to 17c.; yellow distilled, car lots, 21⅜c.; less than car lots, 21⅝c. to 22⅝c. The foreign markets continued strong and the offerings of domestic crude were still so small as to make it possible for holders to enforce their price views in the majority of instances. To a large extent open market quotations on soaplye and saponification were nominal and actual values could be determined only at the time of actual sales. Demand for glycerin continued to be very good and the output of the refiners was still moving into consumption promptly and totally. Importations of crude and refined glycerin in the month of September were as follows:—

	Pounds	
	Crude.	Refined.
Belgium	10,959	.....
Denmark	56,122	.....
France	56,136	113,879
Germany	66,494	.....
Netherlands	86,697	413,251
U. S. S. R.	404,180	.....
United Kingdom	169,264	11,073
Canada	191,000	144,758
Cuba	217,580	.....
Argentina	100,572	.....
Egypt	29,800	.....
Totals	1,379,804	682,961

CHICAGO, Nov. 3.—The c.p. glycerin market is strong following the 2-cent price advance, and some sellers report buyers are extremely anxious to get material, sending through orders in hurried fashion. Tone of the market is such that some observers feel considerable speculation for further rise may be going on among buyers. Ruling prices are:—C.p., drums, car lots, 21½c. per pound; drums, less than car lots, 22c.; cans, less than car lots, 23½c. to 24½c., according to quantity; dynamite, car lots, 21½c.

Iodine and Iodides.—Consumption of crude iodine and derived products was said to be holding at favorable levels. however, the market on the principal items was said to be quite competitive, and while open quotations were unchanged they were not considered to be especially well stabilized.

Menthol.—The market was generally quiet. Production in Japan was getting under way, and the lower prices noted there recently were believed to have been the result of manipulation with an eye to driving the cost of peppermint oil down as low as possible for the benefit of the Japanese menthol makers. In the meantime demand on the spot proved to be not exceptional. It consisted mainly of jobbing business that was taken usually at the market price, considered to be that prevailing on quantities of substantial size. If reports be correct, some very substantial quantities of menthol have been bought in Japan, to come forward at a later date.

Mercurials.—The quicksilver market was lower again last week, and conditions affecting raw material were such as to make prices on mercurials not quite so firm as they were recently. However, the schedule of prices was unchanged last week and, on the whole, a substantial demand supported the market fairly well.

Morphine.—The raw material market was firm and prices on morphine salts were well held in all quarters. Sellers expected a moderate gain in demand for sulphate, this being a development of seasonal character in most years.

Quicksilver.—Spot prices were somewhat lower at $90 to $92 per flask, a

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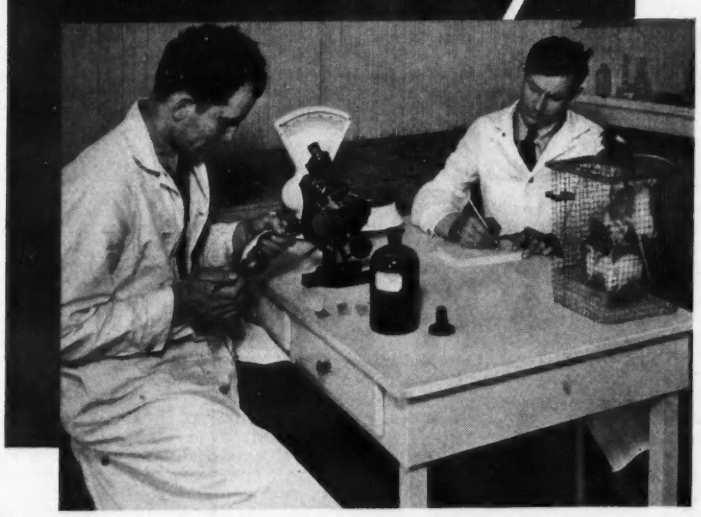

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development indicative of the absence of much demand for spot metal. Unsold stocks on this market were generally small. Shipments from the Pacific Coast stopped when a strike tied up all shipping. Hence, factors in this market who handle domestic quicksilver felt that there would be a substantial accumulation of stocks in Coast ports if the strike be one of long duration. Against this threat of shortage was the news that the steamship Munargo will bring 2,650 flasks of Spanish quicksilver from Cuba to this country; she is due to arrive November 12. This cargo was one transshipped at Havana from the steamship Manuel Arnus, held in that port by mutiny of the crew. This metal originated at Alicante, Spain, and was the first shipment to reach this country for a long time. The steamship Calendron, alleged to be carrying quicksilver from Spain but reported "lost" for several weeks, was still unreported in maritime circles last week. According to the semi-official press, the production of quicksilver in Czechoslovakia reached its peak during 1935 when 30 metric tons were produced. Production during various years prior to 1935 was stated to have been 11.2 metric tons in 1927, 7.4 metric tons in 1928, 20.0 metric tons in 1932, 23.2 metric tons in 1933, and 26.7 metric tons in 1934.

SAN FRANCISCO, Nov. 2.—Although the market here remained largely dormant during the period under review, nevertheless quicksilver was noted as easing in the consuming markets. Sellers reported the price to be somewhere between $85 and $90 the flask. With the continued arrival of metal in New York, it was said that the lower figure would be the most likely basis for business

Quinine.—Demand was very good. The movement gained in keeping with the season and sales of hydrochloride, sulphate, salicylate, and bisulphate were said to have been excellent. The market undertone was firm to strong and sellers looked forward to a good call at well maintained prices for some time to come.

Silver Nitrate. — The schedule of prices since the last report prevailed as follows, covering quantities of 100 ounces; small lots cost from 1c. to 2c. more per ounce and quantities of 500 ounces are quoted at about 1c. less. Comparison of prices for bullion in New York and London are also provided.

	Per ounce—	Bullion—	
	Nitrate. Cents.	New York. Cents.	London. Pence.
Saturday	32%	44¾	20 1/16
Monday	32%	44¾	20⅛
Tuesday	32%	44¾	20⅛
Wednesday	32%	44¾	20¼
Thursday	32%	44¾	20 1/16
Friday	32%	44¾	20⅛

Soda Citrate.—A quiet gain in demand was noted. The improvement was not sharp, but it was still in line with normal expectations at this time of the year. Undertones were said to be fairly steady notwithstanding the recent reductions in prices on citric acid.

Thiobromine Sodiosalicylate.—Undertones were quite steady and prices seemed to have gained in firmness. This was in keeping with a broadening of the seasonal requirements of buyers for consumption. Stocks were not excessive in size.

Lanolin Making Enjoined

A final decree has been given the Bopf-Whittam Corporation, manufacturer of woolfat products, Westfield, N. J., in the New Jersey Chancery Court by Vice Chancellor Malcolm G. Buchanan, permanently restraining Michael P. Gutowski, a former employee as a laborer by the Bopf-Whittam Corporation, and his associate, Stanley Czech, trading as the Genuine Chemical Works, and associates now trading as the Lanaetex Products Company, Elizabeth, N. J., from manufacturing lanolin and woolfat products or disclosing the process of their manufacture.

Current Market Quotations

(Continued from page 19)

Zinc, oxide, pigment, dom., French process, green seal, bgs., l.c.l., dlvd., except Pac. cst..lb.	.06½-	—
ex whse., Pac. cst. lb.	.06½-	—
bbls. c.l., dlvd.....lb.	.06½-	—
l.c.l., dlvd., except Pac. cst..lb.	.06¾-	—
ex-whse.,Pac. cst.lb.	.06¾-	—
red seal, bgs., c.l., dlvd. lb.	.05¾-	—
l.c.l., dlvd. except Pac. cst..lb.	.06 -	—
ex whse., Pac. cst. lb.	.06 -	—
bbls., c.l., dlvd.....lb.	.06 -	—
l.c.l., dlvd., except Pac. cst..lb.	.06¼-	—
ex-whse.,Pac. cst.lb.	.06¼-	—
white seal, bgs., c.l., dlvd. lb.	.06¾-	—
l.c.l., dlvd. except Pac. cst..lb.	.07 -	—
ex whse., Pac. cst. lb.	.07 -	—
bbls., c.l., dlvd.....lb.	.07 -	—
l.c.l., dlvd., except Pac. cst..lb.	.07¼-	—
ex-whse.,Pac. cst.lb.	.07¼-	—
import., gold seal, cks., ex dock..lb.	.10¾-	11¼
green seal, bbls.,1-15 tons, ex dock..lb.	.07¼-	.09¾
ex whse.....lb.	.07¾-	.09¾
red seal, bbls., 1-15 tons, ex dock..lb.	.08¾-	—
ex whse.....lb.	.09 -	—
white seal, cks., lots of 5, ex dock..lb.	.09¾-	—
ex whse.....lb.	.10 -	—
smaller lots, ex dock lb.	.10 -	—
ex whse.....lb.	.10¼-	—
USP, bbls., c.l.....lb.	.06 -	—
l.c.l. .....lb.	.08¼-	—
Palmitate, bbls.....lb.	.22 -	.25
Resinate, fused, pale, bbls...lb.	.09 -	.10
precip., dms., dlvd.....lb.	.15 -	—
Stearate, tech., precip., bbls., ctns., c.l..lb.	.20 -	—
l.c.l., 1 ton.....lb.	.21 -	—
1,000-2,000 lbs.....lb.	.22 -	—
less than 1,000 lbs..lb.	.23 -	—
USP, bbls.....lb.	.21 -	.23
Sulphate, cryst., bgs., c.l.100 lbs.	2.65 -	—
l.c.l. .....100 lbs.	3.15 -	—
bbls., c.l.....100 lbs.	2.80 -	—
l.c.l. .....100 lbs.	3.30 -	—
flake, bgs., c.l....100 lbs.	3.05 -	—
l.c.l. .....100 lbs.	3.55 -	—
bbls., c.l.....100 lbs.	3.20 -	—
l.c.l. .....100 lbs.	3.70 -	—
powd., bgs., c.l.....100 lbs.	4.35 -	—
l.c.l. .....100 lbs.	4.85 -	—
bbls., c.l.....100 lbs.	4.50 -	—
l.c.l. .....100 lbs.	5.00 -	—
Sulphide, bgs., c.l. (20 tons), dlvd..lb.	.09 -	—
l.c.l., dlvd. E. or ex whse., Pac. cst..lb.	.09¼-	—
bbls., c.l. (20 tons), dlvd..lb.	.09¼-	—
l.c.l., dlvd. E. or ex whse., Pac. cast..lb.	.09½-	—
Sulphocarbolate, NF, bbls...lb.	.34 -	.36
Zinc-ammonia chloride, cks....lb.	.04½-	.05
Zinc-iron oxide pigment, bgs.,c.l., dlvd..lb.	.03½-	—
l.c.l., dlvd. except Pac. cst..lb.	.04¼-	—
ex whse., Pac. cst....lb.	.04¼-	—
Zirconium nitrate, kgs., works.lb.	3.00 -	4.00
Oxide, crude, 75-75%, grd.,bbls., works..ton.75.00	-100.00	
kgs., small lots, works..lb.	.04½-	.04½
white, 99%, grd., kgs., works, lb.	1.40 -	1.50

Synthetic Resins

and other

Branded Paint Materials

(Manufacturers' List Prices)

Note:—The list of prices previously printed weekly under the above heading is now printed once a month. The latest printing was in the November 2 issue; the next printing will be in the December 7 issue. Changes in prices—if any—made during the past week are noted in the report on the Paint, Varnish, and Lacquer Materials market, which begins on page 33.

MILK SUGAR
NATIONAL BRAND
National Brand Sugar of Milk has been the standard of Quality the world over since 1883.
Powdered Granular
Impalpable
NATIONAL MILK SUGAR CO., Inc.
205 E. 42nd St., New York, N. Y.

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Carbonate of Magnesia
Oxide of Magnesia
U. S. P. and Technical Grades
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Dependable Products Since 1873
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PHARMACEUTICAL (U. S. P.)
ZINC OXIDE
MADE FROM ELECTROLYTIC ZINC
99.99+% PURE
ANACONDA
from mine to consumer
INTERNATIONAL SMELTING AND REFINING COMPANY
Zinc Oxide Department
EAST CHICAGO, INDIANA
AKRON, OHIO NEW YORK CITY
WAREHOUSE STOCKS LOCATED IN PRINCIPAL CITIES

PLYMOUTH BRANDS
STEARATES - ZINC - MAGNESIA
WHITE MINERAL OILS U. S. P. and TECHNICAL
Manufacturers and Importers for thirty years
M. W. PARSONS, Imports & PLYMOUTH ORGANIC LABORATORIES, Inc.
55 ANN STREET, NEW YORK CITY

ATLANTIC MUTUAL INSURANCE COMPANY
Chartered 1842
The most Important Factor is STRENGTH

THE one thing most important about any insurance policy is the strength of the company behind it. Without security, the promise of any company to compensate you for losses is worthless.

If you will analyze our financial statement, you will doubtless be more than satisfied as to the amount of surplus in relation to liabilities, character of investments, amount of cash, and conservative valuation of assets.

More important than figures is our record. Ever since 1842 we have been issuing policies and paying losses, selecting risks carefully, and running our business on conservative lines. Never at any time has there been any question as to our readiness or ability to meet all obligations promptly and in full.

We believe you are better served with the advice of a competent insurance broker or broker-agent. Ask your broker about Atlantic insurance. In the meantime send for a free copy of our booklet, "Is an Atlantic Policy Good Enough for You to Hold?"

Atlantic has been writing marine insurance continuously since 1842.

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INSURANCE COMPANY
Atlantic Building: 49 Wall St., New York
Baltimore . . Boston . . Chicago . . Cleveland . . Philadelphia
MARINE • YACHT • INLAND TRANSPORTATION
FINE ARTS AND JEWELRY INSURANCE
FIRE INSURANCE SUPPLEMENTARY TO THESE LINES

What You Can Use

Various Materials That Are Suitable for Operating Purposes in Chemical Processing Industries

Fully protected by Copyright

One-hundred-forty-ninth Instalment

Jellies

(Cosmetic and Pharmaceutical)

(Continued from November 2 issue)

Preservatives for Cosmetic and Pharmaceutical Jellies

Alcohol
Benzoic acid
Chlorothymol
Formaldehyde
Methyl parahydroxybenzoate
Orthocyclohexylphenol
Oxyquinolin sulphate
Para-amylmetacresol
Paracholormetacresol
Parachlorometaxylenol
Parahydroxybenzoic acid esters
Para-tertiary-amylphenol
Salicylic acid
Sodium benzoate
Sodium fluoride
Sodium parahydroxybenzoate
Trichloro-tertiary-butyl alcohol
Zinc chloride

Jute

Bleaching Agents for Jute

Albone
Albone C
Alkali bisulphites
Alkali dioxides
Alkali hydroxides
Alkali hypochlorites
Alkali and metallic salts of alkalies
Alkali perborates
Alkali percarbonates
Alkali persulphates
Alkali salts
Ammonium persulphate
Barium peroxide
Benzoyl peroxide
Bisulphites
Blankit
Bleaching powder
Bromobenzoyl chloride
Calcium bisulphite
Calcium hypochlorite
Calcium oxychloride
Caproyl peroxide
Castor oil, sulphonated
Chlorine
Chlorine and calcium oxychloride
Chromic acid
Dioxogen
Eau de labarraque
Fatty acids
H T H
Hydrogen peroxide
Hypochlorites
Javelle water
Lead acetate, basic
Lucidol
Magnesium bisulphite
Manganese linoleate
Merchlor B
Oleic acid
Oleyl chloride
Oxone
Ozone
Perborax
Perborin
Percarbonates
Phthalyl peroxide
Perdisulphuric acid
Potassium acid sulphite
Potassium bichromate, alone or with sulphuric acid
Potassium hydroxide
Potassium permanganate
Potassium persulphate
Soap
Soap, alkali
Soap, castor oil
Soap, Marseilles
Soap, neutral
Soap, Turkey red
Sodium acid percarbonate
Sodium bichromate
Sodium bisulphite
Sodium dioxide
Sodium hydrosulphite
Sodium hypochlorite
Sodium hyposulphite
Sodium oxychloride
Sodium perborate
Sodium peroxide
Sodium persulphate
Sodium sulphite
Sodium tetraborate
Solozone
Succinyl peroxide
Sulphurous acid
Sulphur dioxide
Sulphuric acid plus potassium bichromate
Valeryl peroxide with hydrogen peroxide

Bleaching Assistants for Treating Jute

Ammonium linoleate
Borol
Butyl acetylricinoleate
Butyl ricinoleate
Castor oil, acetylated
Castor oil, acetylated polymerized
Castor oil, sulphonated
Diglycol stearate
Emulsifier B 585
Ethanolamine
Glycol stearate
Methyl oleicsulphonate
Methylethyleneglycol monopalmitate
Monobutylnaphthylenesulphonic acid
Oxydon
Palmitic acid, sulphonated
Potassium heptylnaphthalenesulphonate
Potassium oleoabietate
Potassium ricinoleicsulphonate
Ricinoleic acid
Saponin
Saponified oils
Soap, soda-tallow
Sodium alginate
Sodium oleate
Sodium propylnaphthalenesulphonate
Stearic acid
Sulphite liquors
Sulphoricinoleic acid
Triamylamines
Triethanolamines
Trihydroxyethylamines
Trihydroxyethylamine linoleate
Trihydroxyethylamine stearate
Turkey red oil
Vegetable oils, sulphonated

Degumming Agents for Jute

Acetone
Acetylene tetrachloride
Alcohol
Alcohol, triacidic
Ammonium salts of palmitic compounds
Ammonium salts of pine oil
Amyl alcohol
Amylopsin
Aromatic hydrocarbons
Benzene
Benzin
Butyl alcohol
Butyl cellosolve
Carbon tetrachloride
Chloroform
Chlorohydrocarbons
Cyclohexane
Degomma
Diacetone alcohol
Diastafor
Diastase, animal
Dichloroethylene
Dichloromethane
Dioxane
Ether
Ethyl acetate
Ethyl chloride
Ethylene chloride
Ethylene dichloride
Exsize
Glycerin
Glycol diacetate
Glycopon 590
Heptane
Hexalin
Hexane
Isopropyl alcohol
Isopropyl chloride
Light petroleum extracts
Light petroleum distillates
Methanol
Methyl acetate
Methyl acetone
Orthodichlorobenzene
Palmitic compounds, sulphonated
Petroleum ether
Pine oil, sulphonated
Polyzime
Potassium salt of palmitic compound
Salvose
Soap, castile
Soap, olive oil
Sodium carbonate
Sodium phosphate
Sodium hydroxide
Sodium perborate
Sodium salt of palmitic compounds
Tetralin
Tetrachloroethylene
Trichloroethylene
Turpentine

Dyes for Jute

Mineral Dyes

Antimony salts
Chrome orange
Chrome yellow
Ferrous sulphate
Iron nitrate
Lead acetate
Manganous chloride
Potassium bichromate
Potassium ferrocyanide
Sodium phosphomolybdate
Sodium phosphotungstate

Natural Dyes

Alizarin
Annatto
Brazilwood extract
Cochineal
Hematin
Indigo
Logwood
Madder
Quercitron
Tannic acid
Turmeric

Synthetic Dyes

Acid alizarin
Acid anthracene brown
Acid anthracene red
Acid chrome black
Acid chrome brown
Acid chrome red
Acid chrome yellow
Acridin brown
Acridin flavin
Algol blue
Algol bordeaux
Algol brilliant green
Algol brilliant pink
Algol brown
Algol orange
Algol red
Algol scarlet
Algol violet
Algol yellow
Alizarin
Alizarin chrome green
Alizarin cycloamine
Alizarin fast blue
Alizarin fast grey
Alizarin GI
Alizarin light green
Alizarin orange
Alizarin red
Alizarin veridin
Alizarine sky-blue
Anthracene blue
Anthracene brown
Anthracene chromate brown
Anthra pink
Anthra scarlet
Anthra yellow
Anthraflavone
Anthraquinone blue-black
Anthraquinone brown
Anthraquinone vat blue
Anthraquinone vat olive
Anthraquinone vat violet
Anthraquinone vat yellow
Astra phloxin
Auramine
Azo alizarin carmoisin
Brilliant chrome blue
Brilliant chrome violet
Benzo bronze

(To be continued)

HALIBUT-LIVER OIL
PENICK

Although initial offerings were made only a few months ago, Halibut-Liver Oil, Penick has enjoyed an exceptionally wide acceptance in the pharmaceutical field.

Manufacturing drug houses have been quick to realize the several advantages in having an unquestionably reliable and non-competitive source of supply within the drug industry from which to secure bulk material.

We are still in a position to book further business on our halibut-liver oil, either on contract or for prompt shipment from New York or Chicago stocks.

In addition to the natural oil, we can supply the product fortified to any required extent with viosterol or natural vitamin D.

A new descriptive booklet on halibut and other high vitamin potency fish liver oils, together with a complete price list, effective October 26th, is available to manufacturers in the drug and food industries, upon request.

S. B. PENICK & COMPANY
Medicinal Liver Oil Division
132 NASSAU STREET, NEW YORK
1228 WEST KINZIE STREET, CHICAGO
THE WORLD'S LARGEST BOTANICAL DRUG HOUSE

Oils, Fats and Waxes

Fats and Greases

(Continued from page 41)

active though purchases were apparently limited to moderate quantities. The last business reported was at 7¼c. per pound delivered. Offerings from producers were generally light. The trend of tallow futures was upward at times.

Following is a record of the market for tallow futures on the New York Produce Exchange from October 31 to November 6, inclusive:—

	Cents per lb. in tanks High.	Low.	Close.	Sales. Tanks.
November	...	...	7.00 nom.	..
December	7.25	7.15	7.25@ 7.35	7
January	7.35	7.30	7.35@ 7.50	3
February	...	...	7.35 nom.	..
March	7.50	7.50	7.48@ 7.65	1
April	...	...	7.50@ 7.70	..
Total sales				11

Markets at Other Centers

Chicago, Nov. 6.—A slightly improved aspect is reported in the cash lard trade, with prices firming. Shipping trade has been of fair proportions lately. Statistics are reported along somewhat more reassuring lines.

The range of lard quotations from the opening Saturday, October 31, to the close Friday, November 6, is shown in the following table:—

	Per 100 pounds Open.	High.	Low.	Close.	Previous Friday.
Cash	$11.45	$11.77	$11.45	$11.77	$11.22
Dec.	11.32	11.85	11.32	11.82	11.32
Jan.	11.42	11.97	11.42	11.92	11.42

TALLOWS (tierces).—Edible, 8½c. to 9c. per pound; prime, 7½c. to 7⅝c.; fancy, 7¼c. to 7½c.; prime renderers', 6⅞c. to 7c.; No. 1, 6¾c. to 6⅞c.

Liverpool, Nov. 6.—Quotations per cwt. on refined American lard were as follows:—

	Spot. s.	d.	November. s.	d.	January. s.	d.
Saturday	60	0	..	..	52	6
Monday	60	6	54	3	53	3
Tuesday	61	0	54	9	53	6
Wednesday	61	0	55	0	53	9
Thursday	62	0	56	6	54	9
Friday	62	0	56	6	55	0

Liverpool, Nov. 6.—Quotations per cwt. on tallow were as follows:—

	Choice. s.	d.	Fine, good mixed. s.	d.
Saturday	24	0	23	3
Monday	24	0	23	3
Tuesday	24	3	23	3
Wednesday	23	9	23	3
Thursday	23	9	23	3
Friday	24	6	23	6

Fatty Acids

Red Oil.—The market had a firm tone but no quotable change occurred in prices. Business was generally along conservative lines, the call for moderate quantities being fairly active.

Stearic Acid.—There was no new developments in the way of price changes, previous selling schedules remaining in effect. The tone of the market, however, appeared to be firmer. Business was fairly active.

Waxes

Bees.—The fundamentals of the market continued to be strength and stability of replacement prices, plus steady demand for bleached and refined yellow wax on spot. All foreign suppliers of crude wax quoted exceptionally firm prices and the levels quoted were confirmed in actual sales made on export account. Exports of Cuban beeswax to this country in the first three quarters of 1936 totaled 253,466 pounds, which contrasted with 364,660 pounds exported in the corresponding period in 1935. The total exported in 1934 was 226,902.

Carnauba.—Cables received from the primary market quoted prices that were entirely without change from those at which business had been proposed during the previous trading period. On the spot, demand was comparatively slow. Buyers appeared to be awaiting further developments in the primary market and hence transactions were comparatively few in number, However, sellers attempted to hold prices as steady as possible; at least, no quotable changes were made, though the tendency was naturally toward a more competitive situation. Trade estimates placed the yield of carnauba wax for the crop year 1936-1937 in the state of Bahia, Brazil, at from 250 to 300 tons. The carnauba palms in this state grow mainly on the San Francisco River and as some time is required for the growth of the palms, it was believed that there will be no material increase in the Bahia production for many years. The crop of wax in the state of Parnahyba was estimated to reach about 3,000 metric tons, whereas the crop in the state of Ceara will be about the same as that for the previous year, according to the U. S. assistant trade commissioner at Rio de Janeiro.

Botanical Drugs, Gums

Kamala Strong and Upward in Trend—Lavender Flowers Shaded Under Competition—Powdered Papain Lower Again—Wahoo Root Bark Rise Extended — Digitalis Up

The national election of a President brought an interruption to the normal flow of business in the market for botanical drugs last week. Early in the period, buyers seemed to be somewhat aloof from the spot market, and it was not until Thursday that the flow of orders to the spot was resumed in a volume that compared well with the very satisfactory situation noted in recent weeks. However, some comment to the effect that the long extended Indian Summer has delayed the rise of volume to the full height of seasonal consumption requirements was noted.

The market on kamala was especially strong last week. Replacement cables were advanced, and spot sales were made free from any important amount of local competition. Stocks were said to be none too plentiful. Digitalis leaves were another firm material at a slight rise in prices. Ergot held strong, and contact with the Portuguese market revealed that the recently stronger trend and rise of prices still prevailed. Wahoo root bark was up again, demonstrating once more the strength prevailing at the source. Mullein flowers and matico leaves sold at a slight advance.

Hungarian chamomile were highly competitive and some spot prices were said to be almost identical with replacement cost. Powdered papain sagged again under competition. Cottonroot bark was shaded and cubeb berries were off a small fraction.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Cumin seed, Morocco, ½c. per lb.
Celery seed, French, ½c. per lb.
Cardamom, green, 1c. per lb.
Digitalis leaves, 1c. per lb.
Kamala, 5c. per lb.
Mullein flowers, 5c. per lb.
Matico leaves, 1c. per lb.
Mustard seed, English, yellow, ¼c. per lb.
Danish, yellow, ¼c. per lb.
Dutch, yellow, 1c. per lb.
Pepper, black, Alleppy, ¼c. per lb.
Tellicherry, ¼c. per lb.
Poppy seed, Polish, ½c. per lb.
Wahoo, root bark, 2c. per lb.

Reduced

Anise, Spanish, ½c. per lb.
star, ½c. per lb.
Canary seed, Morocco, ½c. per lb.
Argentina, ½c. per lb.
Cottonroot bark, ½c. per lb.
Cubeb berries, whole, 1c. per lb.
powdered, 1c. per lb.
Chamomile flowers, Hungarian, 1c. per lb.
Ginger root, Cochin, lemon, ½c. per lb.
Lavender flowers, select, 2c. per lb.
Mustard seed, English, yellow, ¼c. per lb.
Danish, yellow, ¼c. per lb.
Dutch, yellow, 1c. per lb.
Poppy seed, Dutch, ½c. per lb.
Paprika, Hungarian, 1c. per lb.
Spanish, extra fancy, ½c. per lb.
medium, ½c. per lb.
fair, ½c. per lb.
Papain, powdered, 5c. per lb.
Pepper, red, Birdseye, 1c. per lb.
St. Ignatius beans, 1c. per lb.

Comparative Values

Index numbers compiled from forty typical botanicals on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
109.7	109.6	115.4	102.3

Market news that may have developed after this report was sent to press will be found on page 4.

them unfit for human consumption were:—

	Bags Detained.	Bags Entered
Anise	1,829	3,215
Caraway	4,433	11,800
Cardamom (cases)	150	1,824
Celery	105	3,233
Coriander	3,271	6,933
Cumin	1,424	6,042
Dill	230	547
Fennel	420	1,462
Mustard	...	18,702
Poppy	...	26,503
Sage leaves (bales)	52	1,665
Sesame	171	179,723
Thyme herb (bales)	174	1,030
Totals	12,259	262,679

Barks

Cottonroot. — The market moved slightly in favor of buyers, quotations being 11½c. to 12c. per pound last week and sales confirmed the price. The market was comparatively slow at all times.

Elm.—Demand was moderate, but the movement was said to have gained slightly over that in recent period. Such a pickup was in keeping with the season of the year, and from now on very good request was forecast by the local dealers.

Orange Peel.—The outlook was not favorable for a normal crop of this item and on the whole very firm prices were expected to prevail. Production in Spain was expected to be very small. Local trading was fairly brisk last year.

Wahoo.—Root bark was higher at 62c. to 65c. per pound, reflecting the strength prevailing at the source of supply and the absence of normal reserves in the country, this for the reason that collection was smaller than usual. Tree bark was steady.

Wild Cherry.—Fairly good request was noted on the spot and on the whole the situation was said to be in line with that normally to be expected at this season of the year. Continued expansion in consumption was expected to prevail when Winter increased demand for manufactured products.

Beans

St. Ignatius.—Two small lots sold last week at 31c. to 32c. per pound, this being a slightly lower price than had previously been noted in actual sales. The market was mainly dull.

Vanilla.—Prices held firm. Demand seemed to have been checked somewhat by the prevailing prices, which represented a substantial advance over the limits prevailing six months ago. Cables showed that all foreign sources of supply were exceptionally firm and that the stocks that were very small were in the hands of strong holders. Local supplies seemed to be adequate.

Berries

Cubeb.—Limited trading was reported, and the market became slightly less steady than it had been in recent periods. Quotations were down to 34c. to 35c. per pound on XX quality, and to 38c. to 39c. per pound for the article in powdered form.

Raspberries. — Not much demand checked against the absence of much in the way of unsold stocks on the spot or in the primary market. Hence prices were firm to strong in all quarters, and little or no competition existed in any quarter of the spot.

Flowers

Arnica.—A steady market was reported, but values noted locally failed fully to reflect the position of the article abroad. It was competition that on spot kept prices lower than some felt was justified.

Chamomile. — Competition was very keen and the open quotations at the lower level of 22c. to 23c. per pound were said to have been shaded at times by as much as 2c. per pound. The price to be paid was directly connected with the quality of merchandise offered, in many instances.

Lavender.—Those with high cost goods in hand were disposed to reduce holdings with a view to averaging their costs downward. Spot quotations on select flowers ranged 63c. to 80c. per pound, as to quality. Not much demand was noted on the spot last week, but seasonal improvement was expected to develop soon.

Balsams

Fir.—A market of substantial strength continued to prevail. Shortage of stocks continued in fir balsam from Oregon and in one instance at least, the primary market wanted $2.35 per gallon for some shipment material, that being also the minimum quotation on the spot among dealers.

Tolu.—Business was of the jobbing sort last week, but on the whole, volume compared favorably with that in recent period and the undertone of prices continued to be as firm as ever.

Entries of botanicals at the port of New York since the week of January 1, 1936, and detentions of these items by the Department of Agriculture because of the presence of matter rendering

Current prices on botanical drugs and spices are given in the alphabetical list of prices beginning on page 7

PROFESSIONALLY HOPKINS BRAND MILLED
ANALYZED - STANDARDIZED
CRUDE DRUGS

Arabic
Aloes
Balsam Tolu
Cannabis
Chamomiles
Cudbear
Cuttle Bone
Digitalis
Ergot
Foenugreek
Ginger Root

Indian Gum
Kamala
Licorice Root
Lupulin
Mustard
Nux Vomica
Olibanum Gum
Orris Root
Papain
Saffron
Tragacanth Gum

CRUDE J. L. HOPKINS & CO. DRUGS
220 BROADWAY, NEW YORK

..GOOD NEWS..
PYRETHRUM EXTRACT Guaranteed 2.4% Total Pyrethrins
PYRETHRUM POWDER Guaranteed minimum 9-10 of 1% Pyrethrins
BE SAFE—CONTRACT WITH
MURRAY & NICKELL MFG. COMPANY
2612 Arthington Street Chicago
Importers and Millers for Seventy Years

Vanilla Beans--Tonka Beans
Thurston & Braidich, Importers, 286 Spring Street, New York

CHICLE, Mexican
F. HUBER & CO., 99 Hudson Street, NEW YORK

STABILIZED PYRETHRUM
EXTRACTS — DUSTS — PERCOLATION FLOWERS
STABILIZED ROTENONE
DERRIS — CUBE — TIMBO
WHOLE ROOT — DUST — MIXED DUSTS — EXTRACTS
Standardized for Toxic Content—
Stabilized to Prevent Loss of Killing Power
HAMMOND PAINT AND CHEMICAL CO. Beacon, N. Y.

PYRETHROL 20
A standardized and clarified pyrethrum extract. Write to us today for further information.
McCORMICK & CO., Inc.
BALTIMORE, MARYLAND
STANDARDIZED PYRETHRUM AND DERRIS PRODUCTS

CRUDE DRUGS
PEEK AND VELSOR INCORPORATED
100 GOLD ST. NEW YORK
ESTABLISHED 1840
WAREHOUSE AND MILLS, JERSEY CITY, N.J.

Mullein.—The market moved up to 85c. to 90c. per pound and held firmly thereat following sales that absorbed all material recently priced around 80c. The movement was said to have been somewhat larger last week, and market undertones strengthened considerably.

Pyrethrum.—The 1936 crop in Japan has been placed at 27,752,800 pounds, comparing with 24,400,000 pounds in 1935. Estimates on the 1936 crop, made last July, indicated an output of 29,500,000 pounds to 29,800,000 pounds. The third report of the All Hokkaido Insect Flower Merchants' Association placed 1936 production in Hokkaido at 9,680,000 pounds, as compared with 11,660,000 pounds in 1935. In June it was estimated that the yield would approximate 1935 levels, but it became increasingly clear at harvest time that the cold spring had injured the roots, cutting the growth of the flowers. It is said that the fine weather during the drying season in Hokkaido has insured a crop of higher quality than 1935. Exportation of pyrethrum flowers from Kenya, British East Africa, increased from 50 long tons in 1934 to 206 tons in 1935 and 578 tons during the first half of 1936. It is estimated that supplies during the next year will approximate 100 tons monthly.

Safflower.—Prices were easy at 27c. to 28c. per pound. Demand was narrow, and competition was prominently a part of most transactions. Stocks were ample in practically all directions.

Gums

Ammoniac.—The spot stocks were practically exhausted and in view of the very small need for the article, major replenishment was thought to be very unlikely. The market was considered to be nominal at 90c. to 95c. per pound.

Aloe.—Replacement costs were in exceptionally firm position and the general situation was one opposed to any early movement of prices to the advantage of buyers. Stocks on the spot were limited and at the various sources of supply they seemed to be in very firm hands.

Arabic.—The market appeared to be very steady on spot last week. Replacement prices were such as to check any tendency toward shading of spot quotations and a demand sufficient to keep undertones generally firm prevailed at all times. Stocks on the spot were said to be of fair size.

Guaiac.—Undertones were steadier. The downward movement of prices has ended and values were based on a fairly firm foundation last week, this for the reason that no large unsold stock exists on spot and because of the indifferent quality of gum being shipped from the source, release of pending arrivals was highly uncertain.

Mastic.—Replacement costs held very firm and sellers at the source did not appear to be anxious for business save at full prices quoted on goods available for shipment. The spot position of the article was one of substantial strength in the absence of competition.

Tragacanth.—According to the Department of Commerce, a cable received from the U. S. vice-consul at Teheran, Iran, and dated October 24, stated that a large order for ribbon tragacanth had practically exhausted the entire supply. Persian tragacanth is sold by control organization at Teheran,, regardlesss of where the gum may be produced. The spot market was declared to be exceptionally strong and values had a marked upward tendency. Sellers were reserved, being faced by rising cost of gum made available by the government control organization operating in primary markets.

Herbs and Leaves

Belladonna.—The feature of this item for many months has been its utter stability as to price. A survey of the market last week showed that stability was still the most prominent feature and that a very good demand had operated to that end.

Buchu.—Although business was reported routine in character, the general situation was one making for firm maintenance of prices. The fact was that the prices at which current stocks were obtained at the source were high enough to prevent much if any shading of the prices at present current on the spot.

Digitalis. — Quotations were up slightly, 26c. to 30c. per pound; the inside figure was an exceptionally attractive one and was not expected to last long as supplies available thereat were none too large. The undertone of the market was exceptionally firm.

Laurel.—Greek material sold at a decline to the basis of 4¾c. to 5c. per pound. The market was comparatively easy as absence of much demand tended to keep competition a prominent part of affairs.

Matico.—Sales at 29c. to 30c. per pound represented a slight rise in local prices and throughout the past week a very firm undertone kept values free from any further fluctuation.

Miscellaneous

Dragon's Blood.—The market has firmed up considerably since the recent slight decline in quotations. Demand freshened somewhat last week and aided in keeping prices well maintained throughout the period.

Ergot.—Little change in the comparatively strong situation was reported from Portugal—the present center for the sale of ergot on export account. Shippers continued to hold aloof from offerings and prices no longer sagged as they did not so long ago. Locally, little demand was noted, but sellers held firm and kept values strictly in line with the situation abroad.

Kamala.—A strong market prevailed. Quotations at 40c. to 41c. per pound were not much better than nominal as sellers were distinctly reserved. Replacement costs continued to advance and the entire situation was counted one of substantial strength.

Lycopodium.—The market seemed to be slightly firmer, mainly for the reason that stocks were actually low and major increase was distinctly unlikely because of the large home consumption in the USSR.

Papain.—Powder was lower at 95c. to $1 per pound and the market continued to display much of the keen competition that had accompanied the steady drop in prices since the time when sales were being made at $3 per pound. It was still a buyers' market, but there were not many requiring prompt delivery material last week.

Roots

Golden Seal.—The market was one unrelieved from the strength that for weeks had kept prices firm and high regardless of the absence of much demand for the material. The strength was caused by the very small stocks available at the source. Expansion in demand would raise prices promptly, it was said.

Jalap.—All quotations from the primary market were declared to be indicative of much strength at the source. The quality of goods most desired for export to this country was said to be lightly stocked in Mexico. Spot prices were very firm, and the tendency, if any, was upward.

Sarsaparilla.—Because of its cost in the primary market, Mexican sarsaparilla root on spot was exceptionally firm at all times last week. Sales were confirmed at 12c. to 13c. per pound, and in some quarters the market was minimum at 12½c.

Squill.—Inquiry continued to improve somewhat and the gain in volume of sales was said to be in line with the usual development at this season of the year. Powdered material moved actively at all times. Replacement and spot prices were very firm.

Seeds

Anise.—Star seed was shaded to 12½c. to 13c. per pound, and the Spanish material was easier and slightly lower at 14½c. to 15c. per pound, the price actually obtained in several small transactions last week. Direct shipments from the source were still subject to much delay.

Canary.—Morocco and Argentina seed were lower at 6c. to 6½c. per pound but the Turkish material held unchanged and was fairly steady most of the time last week. Demand was narrow.

Cardamom.—Green seed was up slightly to 95c. to 98c. per pound, quoted as to quality. Bleached seed was very steady, lacking change in price. Decorticated seed of excellent quality were well maintained at $1.12 to $1.15 per pound, in keeping with the primary market strength.

Celery.—French seed was higher at 20½c. to 21c. per pound, indicating that the stronger situation recently prevailing in France was unabated. Prices on seed from India lacked change, but the item was sympathetically firm because of the position of French material.

Mustard.—Yellow seeds were somewhat lower in most instances. English was noted at 8¾c. to 9¼c. per pound; Dutch, 7½c. to 8c.; Danish, 8c. to 8½c. Brown seed seemed to be about firm. California material was generally well supported.

Spices

Clove.—Madagascar material was up fractionally to the basis of 14¾c. to 15c. per pound. Zanzibar clove was noted at the same level. The market was not very active on spot but the strength prevailing at the source communicated itself to the price situation on spot.

Ginger.—Cochin lemon was down slightly to 18¼c. to 18¾c. per pound. African root was steady to firm. Jamaica lacked further change, but the tendency of the market favored buyers most of the time.

Paprika.—Hungarian was cheaper at 20½c. to 22c. per pound as to quality. Spanish extra fancy grade was noted also lower at 27c. to 28c.; fair, 21½c. to 22c.; fancy, 23½c. to 24c.; medium, 22c. to 22½c. The general situation in Spanish material was fairly easy because of new crop influences.

Peppers.—Black Alleppy was up to 8¾c. to 9c.; Tellicherry, 9c. to 9½c. White peppers lacked change but continued to show much of their recent strength that brought substantial advance in prices in all markets. Old crop birdseye red peppers was off to 13½c. to 14c. General demand for peppers was irregular most of the time last week.

Paint Materials

Varnish Gums

(Continued from page 37)

All of the aforementioned prices were for car lot amounts and were subject to usual differentials for smaller lots.

Dammar.—Quotations for No. 2 Singapore gum were reduced to 13c. per pound, a decline of ¾c. per pound. In the Batavia group, there were two reductions, one in D grading at 13⅞c. per pound, a decline of ⅜c. per pound and the other in F grading at 5⅞c. per pound, a decline of ⅞c. per pound. These quotations were also for straight or mixed cars and were subject to usual differentials for smaller quantities.

Synthetic Resins

The feature of the market was an advance in the price of ester gum Thursday. Prices were advanced ½c. per pound. The schedule in force for the remainder of this year was as follows: —75,000 pounds or more, as wanted to December 31, 1936, 8¼c. per pound; straight carload shipment, 8¼c. per pound; single shipments of 3,000 pounds or more, 8½c. per pound, and single shipments of less than 3,000 pounds, 8¾c. per pound. All of the aforementioned prices were basis delivered. The increase in prices was caused by the continued increase in the cost of glycerin.

Naval Stores

Southern and local markets for naval stores were more active last week despite the holiday on Tuesday. There was no marked change in the character of business, many consumers still being disinclined to anticipate to any material extent. In the case of rosin, however, buying interest showed an increase and according to some reports, the takings for the week showed a rather noteworthy improvement over recent preceding periods. Stocks of raw materials of various kinds in the hands of many consumers are believed to be small or moderate, and this is said to apply to naval stores as well as other products. According to some reports, the most noticeable improvement in demand for rosin was from consumers in the paper and soap industries but buyers in other fields also manifested more interest in the situation.

It was contended that transactions for the week would have been larger than they were but for the reserved attitude of holders in the South where sentiment concerning the outlook for business and prices has been strengthened by recent developments in political affairs at home and abroad, as well as by the favorable character of reports regarding the condition of general trade in this country. A rather more active export inquiry was also reported last week for rosin. The foreign call for turpentine continued slow despite reports that consumption in some European countries has increased recently.

The trend of all grades of rosin prices was upward at times in the Savannah and Jacksonville markets. Turpentine showed irregularity but changes were generally within moderate limits, and the prevailing tone in the South was regarded as firm. Weather conditions in many sections were favorable for operations in the woods and marketing continued free. In the opinion of some, no material slowing down in the movement from the interior to the seaboard is likely to be witnessed during the remainder of the current month.

Turpentine. — The local market showed irregularity in company with developments in the South where changes in prices were within moderate limits. Business lacked snap but there were reports of a fairly active inquiry and sentiment in some quarters was rather more optimistic especially as rosin was again in upward trend with business in that commodity showing an improvement. There was nothing very striking in the way of statistical news from primary centers. Weather conditions were generally favorable for production and marketing operations, and the movement from the interior to the seaboard held up with the indications, in the opinion of some, pointing to rather liberal receipts during the remainder of November.

CHICAGO, Nov. 6.—While turpentine prices remain unchanged, the tone is much firmer and an increasing amount of business is being done. Ruling prices at the close of business last night were: Five-drum lots, 47c. per gallon; five wood

(Continued on page 50)

—until customers began to complain

HE THOUGHT his old-fashioned containers were good enough — but his *customers* didn't. They were receiving products which had deteriorated in storage and transit.

The loss of customers due to faulty containers is stopped when you ship in Bemis Waterproof Bags. They provide *complete* protection against sifting, odor, dust, and loss or gain of moisture.

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GUMS

WHOLE AND POWDERED

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160 WATER ST. NEW YORK, N. Y.

Essential Oils, Aromatic Chemicals

Ginger Strong at Price Advance—Stocks of Anise and Coriander Virtually Exhausted — Peppermint Dull — Spanish Oils Hold Firm—French Materials Steadier Here

Business in essential oils continued to be very fair in volume last week. While the national election on Tuesday served to interrupt the usual flow of orders to the spot, the call from manufacturing consumers gained later in the week and the general result was a volume of trade comparing well with that in recent periods.

Dealers declared that the outstanding characteristic of the market was the fairly stable position of prices on most items. For the most part, local quotations were subjected to sufficient support from sales into consumption as to keep them firm most of the time. Stocks were conservative enough in size also to aid in the elimination of price-weakness from local circles.

Features of outstanding strength included anise and coriander oils. Stocks were at low ebb; numerous dealers were unable to supply anything to their most preferred trade and those merchants still having a trifle of stock in hand conserved it by selling sparingly to the best of their regular trade and by rejecting any business reaching them from the open market.

Spanish oils also showed strength but price movements were lacking. Dealers realized that future supplies depend on what material may be available in Spain when war shall end in that country. The uncertainty of the future in that respect made all sellers reserved.

French oils seemed to be somewhat steadier at recent declines. Cheaper replacement cost has been fairly well discounted in spot prices and the tendency last week seemed to be toward more stable position.

Domestic oils were generally featured by price firmness. The situation in tansy was one of particular strength as stocks were low. Peppermint and spearmint were in very light request but values held. Wormseed and wormwood were in irregular demand at unchanged prices.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Ginger, distilled, 35c. per lb.

Reduced

None

Comparative Values

Index numbers compiled from twenty typical essential oils on the basis of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
72.8	72.8	72.9	70.9

Market news that may have developed after this report was sent to press will be found on page 4.

Essential Oils

Anise.—The market was strictly nominal. Those with stocks conserved them in order to in part take care of their regular customers and hence any open market price was nominal. Attempts to buy quantities as small as five pounds met with failure in the open market last week. The situation cannot change until normal shipments of technical oil reach here from the primary market.

Apricot Kernel.—The spot position of this article seemed to be firmer. Prices had no tendency to sag last week and for the most part sellers maintained values firmly and refused to shade under competition. This situation reflected strength in the primary market.

Bay.—Demand was light to irregular. Buyers covered prompt requirements only, leaving future needs to care for themselves. Pricewise, the market was steady and stocks seemed to be ample.

Bergamot.—New developments were lacking. The market was reported to be very firm. Well maintained prices in Italy found full reflection in local circles. As to local demand, it was light to moderate and generally irregular most of the time last week.

Camphor.—The local prices seemed to be a trifle steadier than they had been at times in the recent past. Competition was possibly a shade less aggressive than it had been and with a fair demand current most of the time, some reports suggested that the market had improved to a moderate extent.

Caraway.—A well stabilized movement of this item to consumers accounted for the well-maintained prices and the absence of much competition in local circles. Replacement costs in primary markets were reported to be on the firm side.

Cardamom.—The range in prices was $15 to $32 per pound and the price to be paid depended on seller and quality of oil offered. The basic position of the item seemed to be one of some strength because of the recent advance in prices on raw material.

Cassia.—The market was about steady. Replacement costs changed very little and hence spot quotations held free from new development. Demand was fairly active, being stimulated by the greater activity prevailing among some manufacturing consumers.

Cinnamon. — All primary market cables were firm and offerings were not excessive in size most of the time. The general firmness of raw material had been evident in the oil market for some time back. Local demand was routine but well up to normal levels.

Citronella.—Spot business was fairly active. Some manufacturing consumers were understood to have raised production schedules and this has caused an increase in consumption of the oil. Prices were still on the low side and were considered to be highly favorable.

Clove.—Unabated strength governed the market on this item. Production cost remained comparatively high. Surplus stocks bought when prices were lower were no longer hanging over the market. The producers made the market and they called it one of strength and solidity at quoted prices.

Coriander.—Whosoever has some of this oil was disposed to keep it to meet in part the needs of favored and regular customers. Agents for the USSR stated that export of either seed or oil is prohibited by the Soviet Union; the total production of the article is required for home consumption in the USSR. Only Russian seed yields oil, and seed is unobtainable. Some talk of distilling Moroccan seed has been noted but the oil yield would be insignificant. As high as $11.50 per pound has been paid for a small quantity to come forward from Europe.

Dill.—Some letting down in demand was noted in the market for this oil. The active season was responsible for a substantial business being done and while the call has tapered off somewhat, it was still sufficient to give prices a firm undertone last week.

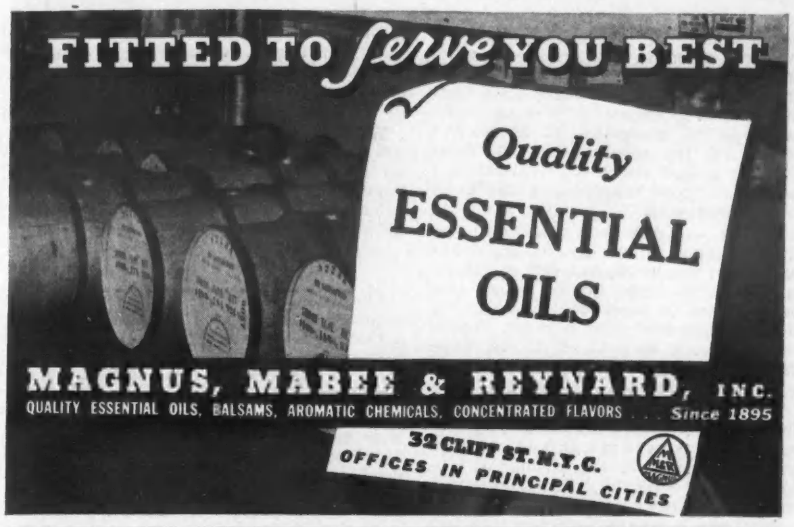
Eucalyptus.—Earliest shipment from the Far East was December-January—which meant January, in all probability. Spain continued to be cut off as a source of supply. Some goods were said to have been offered from Japan but the quality was highly doubtful. Good quality merchandise on spot was well maintained at 35c to 37c per pound in drums.

Grapefruit.—The latest advices suggest that there will be no reduction in prices on this item this year. Production was expected to just about meet consuming requirements and hence a firm situation was expected to continue.

Lavender.—The market has become steadier. Reductions in prices recently made to reflect lower replacement costs were not extended and for the most part values appeared to be well maintained in most directions. A very good demand for medium grade flower oil was noted. Spike oil was in light supply and in strong price position because of the uncertainty surrounding the future of supplies from Spain.

Lemon. — No further rise in prices

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7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Solidifying point	0 to +1° C.
Melting point	+1° to 1.5° C.
Boiling point	176° to 177° (764 mm.)
Specific gravity	.928 to .930

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on Messina oil was noted but the strength noted in the primary market during the past fortnight was still present abroad and values there were well maintained. Domestic oil was available in moderate quantities at unchanged prices but the resale price was fully 15c. per pound above the official quotations of those representing the California producers.

Orange. — Undertones were felt to be slightly easier on the whole. Some unsettlement in conditions led to the statement that at times quoted prices had been shaded to meet local competition. Demand was somewhat narrow. Buyers were disposed to hold off in the hope that new crop prices in foreign markets will decline later on.

Peppermint. — The spot market on this material was very dull. Requirements of buyers were at low ebb and trading on the spot was strictly of jobbing size. The recently firmer situation in the primary market continued to prevail and it was probably to that fact alone that the unchanged position of spot prices was attributable. Stocks on the spot, while not large, readily met the limited demand current last week, leaving an ample reserve at the close of the trading period.

Pimento. — Replacement costs were firm because of the cost of raw material at the source. Local prices were in similar position and a tendency toward further advance was disclosed. Demand was moderately active.

Rosemary. — The moderately sized stocks unsold on this market were being conserved as much as possible; it was highly uncertain that further stocks could be obtained from the primary market at an early date. In effect, sellers were rationing supplies because they showed a disposition to curtail the quantity sold to any one buyer.

Sassafras. — Competition was fairly keen between imported and domestic material. The result was a softness of prices that tended to keep values subject to shading and generally more favorable to buyers than to sellers.

Spearmint. — The article was one of considerable strength, although the advance in prices that some had looked forward to had yet to develop locally and in the country. Production was conservative in size this year and the unsold balance of the crop was said to be little in excess of the probable requirements of consumers between now and another crop.

Tansy. — The spot market was strong at $2.35 to $3 per pound depending on seller and quantity. Production was small and unsold stocks were in strong hands whose views on values included the belief that demand would continue to keep prices tending upward.

Wormseed. — While export demand has decreased somewhat, there was still an interest being shown by foreign buyers and the result was a fairly firm price position for the article on spot as well as in the primary market.

Aromatic Chemicals

Acetophenone.—The quality usually required was firmly held at $1.25 per pound and a generally steady market was reported thereat. Stocks were said to be ample in size. Replacement costs were steady.

Amyl Salicylate.—Not much interest was shown by buyers but the market failed to develop weakness and for the most part prices were well maintained at all times during the past week. Stocks were ample in most directions.

Benzaldehyde.—Price stability was reported last week. Steady consuming demand and well maintained production costs combined to make the market exceptionally steady at all times and to keep competition negligible.

Benzyl Benzoate.—Irregular request was noted and to some extent the article seemed to be slightly easier last week. However, though competition was still prominent, open quotations were held unchanged.

Benzyl Propionate.—A quiet week was reported by most sellers. Quotations held steadily at close to $2 per pound but for the most part buying was moderate in volume and varied rather widely from day to day.

Carvol.—Substantial quantities were sold at $4 per pound and the business done was sufficient to hold the article to a very firm position most of the time last week. Stocks were moderate.

Citral.—Trade was normal in volume and was productive of a very steady position so far as prices were concerned. The recently steadier position of raw material has been not without its effect on spot values for the material.

Dimethyl Hydroquinone. — Business was generally light. Buyers were mainly aloof from the market and hence the bulk of business done last week was built from jobbing demand. Prices remained very steady as the cost to replace present holdings was well maintained.

Ethyl Cinnamate.—Business was somewhat slower than it had been. Orders were said to have been somewhat fewer than they recently had been and in some quarters competition was found to be slightly more active. Open quotations lacked quotable change, however.

Eucalyptol.—Good quality material of domestic origin was said to be very firm in price because of the situation prevailing in the raw material market. However, some eucalyptol from Japan has been offered here and has found buyers despite the fact that the quality was said to be not always satisfactory.

Eugenol.—The strong position of raw material was more than enough reason for the similar situation prevailing on eugenol during the past week. Sellers were somewhat reserved, realizing that the tendency of production costs was unquestionably upward. Demand was fair.

Linalool.—Trade was current in normal volume. In fact, some sellers found the requirements of buyers to be somewhat larger in some instances. The general market position of the material was one of firmness coupled with a lack of important competition.

Phenyl Acetaldehyde.—Both the 50% and the 100% article came in for a very good request last week and the prices quoted on spot were said to have become somewhat firmer in most directions.

Phenylacetic Acid.—Demand was light and usually involved hand-to-mouth quantities. However, in view of the absence of weakness in the cost to replace current stocks, spot quotations were well maintained in most instances last week.

Phenylethyl Acetate.—Some fair sized business went through at $3.15 per pound, but there were intimations that on attractive orders, somewhat less than that figure could be done if the order were firm in hand. Trade has been routine for some time past.

Current prices on essential oils and aromatic chemicals are given in the alphabetical list of prices beginning on page 7

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IMITATION OILS
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The price stability of these Imitation Oils recommends their use at the present time. In addition, they produce a remarkably true-to-nature effect, being strictly comparable in strength and general physical properties to the natural oils.
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118 WEST OHIO ST. CHICAGO, ILL.

Mysore Agent Visits U.S.

T. V. A. Isvaran, Trade Commissioner for Mysore in London, sailed on the Europa November 6 after a visit to this country. During his stay Mr. Isvaran made his headquarters with W. J. Bush & Co., this city, agents for the Mysore Government sandalwood oil factories in the United States. In the course of a trip to the Middle West in company with R. R. Webb, treasurer of W. J. Bush & Co., Mr. Isvaran visited important pharmaceutical houses, and was entertained at the monthly luncheon of the Chicago Drug and Chemical Association as the guest of Dr. E. Drach of the Abbott Laboratories. During his visit the trade commissioner also investigated the possibility of introducing to this market other products of the Mysore State.

Acetylene Association Convention Nov. 18-20

Outstanding leaders in the welding industry are scheduled to appear on the program of the thirty-seventh annual convention of the International Acetylene Association, in the Hotel Jefferson, St. Louis, November 18 to 20.

General and group meetings are planned which will be of interest to every one in the welding industry and to all who use welding or cutting. A welding and cutting forum will be held Wednesday evening, developed by selecting those questions that have been asked most often of the association's technical committees. This meeting is planned to be particularly profitable to welding superintendents, foremen and welding operators, proprietors of welding shops, as well as executives directly interested in the application of efficient welding and cutting methods.

An innovation is arranged for Thursday night. There will be held concurrently, a group of thoroughly informal meetings with nine headline subjects, preceded by a brief general meeting.

Essential Oil Project in Poland

Work has been started on the construction of the first Polish essential oils and pine extracts plant at Worochta, in the southeastern section of the country. The factory is to be built in accordance with the latest technical requirements and will be capable of large scale production, according to information received by the Department of Commerce from the assistant trade commissioner at Warsaw. This new development may affect Poland's imports, as thus far commodities of this type were purchased abroad. Polish foreign trade statistics show imports of essential oils, odoriferous waters and non-alcoholic fragrant substances totaling 808 quintals in the first seven months of this year.

Paint Materials

Naval Stores

(Continued from page 48)

barrels, 52c.; single drums, 50c.; single barrels, 55c.

SAVANNAH, Nov. 6.—The turpentine market had a firm undertone. Sales were fair. Following is a record of the market for the week:—

		Barrels		
	Cents per gal.	Sales.	Receipts.	Shipments.	Stocks.
Saturday	36½	117	661	810	36,752
Monday	36½	186	256	198	36,810
*Tuesday	....	...	...	...	.....
Wednesday	36¾	210	701	237	37,274
Thursday	37	65	135	223	37,186
Friday	37½	87	196	...	37,332

* Holiday.

JACKSONVILLE, Nov. 6. — Turpentine was fairly active and the market retained a firm tone. Following is a record of the market for the week:—

		Barrels		
	Cents per gal.	Sales.	Receipts.	Shipments.	Stocks.
Friday	36½	133	205	25	46,248
Saturday	36½	255	325	70	46,503
Monday	36¾	...	398	2,176	44,635
*Tuesday	....	...	...	...	.....
Wednesday	36¾	...	269	...	44,904
Thursday	36¾	...	132	...	45,036

* Holiday.

PENSACOLA, Oct. 31.—The turpentine market was quiet and steady. Following is a record of the market for the week:—

	Barrels		
	Receipts.	Shipments.	Stocks.
Monday	153	...	30,918
Tuesday	138	324	30,732
Wednesday	60	120	30,672
Thursday	52	...	30,724
Friday	64	162	30,626
Saturday	146	325	30,447

LONDON, Nov. 6.—Quotations on turpentine were as follows:—

	Per cwt.—In bbls.
	s. d.
Saturday	38 9
Monday	38 9
Tuesday	38 9
Wednesday	38 9
Thursday	39 3
Friday	39 3

Stocks of American turpentine in London were:—

	Nov. 6.	Previous week.	Last year.
Barrels	19,327	18,774	8,775

Rosin.—The trend of all grades was upward in primary markets at times last week and developments there were reflected locally, the prevailing tone here being firm. Southern holders were reported as reserved and it was contended that sales in primary markets would have been larger but for this attitude on the part of sellers. Advices from the South reported an increased inquiry from consumers in various industries and an improvement was also noted in the foreign demand. The movement from the woods to primary centers continued free as weather conditions were generally favorable for operations in the woods.

SAVANNAH, Nov. 6.—Changes in rosin quotations were narrow, the tone of the market continuing firm. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—					
	Sat.	Mon.	*Tues.	Wed.	Thurs.	Fri.
B	$6.25	$6.25	...	$6.25	$6.65	$6.75
D	6.40	6.45	...	6.40	6.65	6.75
E	6.40	6.45	...	6.55	6.65	6.75
F	6.40	6.45	...	6.55	6.65	6.75
G	6.40	6.45	...	6.55	6.65	6.75
H	6.40	6.45	...	6.55	6.65	6.75
I	6.40	6.45	...	6.55	6.65	6.75
K	6.40	6.45	...	6.55	6.65	6.75
M	6.40	6.50	...	6.55	6.65	6.75
N	6.40	6.50	...	6.55	6.65	6.75
WG	6.40	6.50	...	6.60	6.75	6.80
WW	7.20	7.30	...	7.30	7.50	7.60
X	7.20	7.30	...	7.50	7.50	7.60
	Barrels					
Sales	431	484	...	1,136	287	444
Receipts	1,426	1,087	...	2,767	1,052	1,052
Shipments	2,156	1,372	...	126	1,443	...
Stocks	91,253	90,968	...	93,668	93,248	94,300

* Holiday.

JACKSONVILLE, Nov. 5.—Rosin offerings were light and the market retained a firm tone. Following is a record of the market for the week:—

	Price per unit—Low of range quoted—					
	Fri.	Sat.	Mon.	*Tues.	Wed.	Thur.
B	$5.90	$5.90	$6.50	...	$6.50	$6.50
D	6.17½	6.37½	6.50	...	6.60	6.50
E	6.27½	6.37½	6.50	...	6.55	6.62½
F	6.30	6.37½	6.50	...	6.55	6.62½
G	6.30	6.37½	6.50	...	6.55	6.62½
H	6.30	6.37½	6.50	...	6.55	6.62½
I	6.30	6.37½	6.50	...	6.55	6.62½
K	6.30	6.37½	6.50	...	6.55	6.62½
M	6.30	6.37½	6.50	...	6.55	6.62½
N	6.35	6.37½	6.50	...	6.55	6.65
WG	6.35	6.37½	6.50	...	6.55	6.65
WW	7.00	7.20	7.15	...	7.25	7.35
X	7.00	7.20	7.15	...	7.25	7.35
	Barrels					
Sales	...	108	234	...	...	443
Receipts	1,290	1,420	1,380	...	1,741	1,052
Shipments	2,416	137	1,467	...	620	5,481
Stocks	70,468	71,751	71,671	...	72,792	58,363

* Holiday.

PENSACOLA, Oct. 31.—The rosin market had a steady tone. Receipts were moderate. Following is a record of the market for the week:—

	Barrels					
	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
Receipts	587	446	234	169	209	461
Shipments	750	348	...	...	400	150
Stocks	30,550	30,648	30,882	31,051	30,860	31,171

CHICAGO, Nov. 6.—Buyers of rosin are now more willing to take a purchasing

(Continued on page 52)

Petroleum Solvents, Lubricants, Fuels

Solvent Prices Hold Steady—Colder Weather Livens Heating and Fuel Demands—Tanker Tie-up Will Handicap Deliveries —Crude Production Average Lower

Petroleum solvents and close cut naphthas held a steady price position and have been without price disturbance since the general revision of quotations in the West coast market, which was reported here over the past two weeks. Reports from the Midcontinent indicated that cleaners' naphthas were moving faster than related solvents but the movement in the Eastern market was fairly well divided among petroleum thinners, v.m. & p. naphthas, the Stoddard fraction and others. Other petroleum products used as industrial raw materials passed through an uneventful week. Prices for these commodities were without important alteration. General trade was more or less spotty during the week because of the interest in the national elections.

Lower temperatures over a large part of the country brought the heating oils into the market picture in a more prominent way. Tankcar prices for heating oils were increased at certain Atlantic ports and the demands were heavier at all marketing points. The harbor strike on the West Coast, which spread to Atlantic and Gulf ports last week, should handicap deliveries of fuels by tankers but the Eastern market seemed to be stocks for estimated needs for two weeks or so. The sellers indicated that if rail deliveries were necessary, the additional haulage cost woulud be reflected in the selling prices.

Daily average production of crude oil in United States for the week ended October 31 was 3,043,500 barrels, a decrease of 39,550 barrels from the preceding week's average of 3,083,050 barrels, according to the estimate of the American Petroleum Institute which omits any oil that might have been produced surreptitiously. The daily average production for four weeks ended October 31 was 3,053,750 barrels and the average at this time a year ago was 2,798,350 barrels. Crude runs to stills were reported as having averaged 2,799,000 barrels for 78.8 percent of refinery operation during the week ended October 31, and, according to the A.P.I., 241,000 barrels additional were sent to stills for a total of 3,040,000 barrels against 2,990,000 barrels in the preceding week. Crude oil stocks October 24 totaled 291,846,000 barrels against 292,538,000 barrels October 17, according to the Bureau of Mines.

Solvents and Diluents

Reports from the Midcontinent refinery area indicated that cleaners' naphthas were moving in more active fashion than other petroleum solvents and naphthas. The local demands were well divided among the several products in this group. Collectively, the movement of solvents into consumption was rather good. Prices have been without shift since the general revision of quotations at Pacific Coast refineries which were reported here last week and the week before. Midcontinent and East Coast markets have been without price change in recent weeks.

Cleaners' Naphthas.—Supplies were moving out of the Midcontinent district in better style than the movement of other solvents. The Midcontinent position continued at the long-standing level of 7⅜c. to 7c. per gallon for tankcar quantities, basis Group 3.

Lacquer Diluents.—Conditions surrounding the market for this article were unchanged last week, and the latest development in the market was the revision of prices on the West Coast, which was reported here a week ago. The demands continued fairly active locally. Lacquer production in the third quarter of 1936 totaled 10,535,520 gallons, valued at $13,398,161, against 12,071,087 gallons, valued at $15,138,829, in the second quarter of the year, and 8,872,080 gallons, valued at $11,341,847, in the third quarter of 1935, according to the Department of Commerce.

Petroleum Thinner.—There has been no change in the quoted position of the market since the general revision of prices at the West Coast refineries, which was reported here over the past two weeks. Midcontinent and East coast prices were quite steady at the levels that have been quoted for some time.

Rubber Solvents.—The tire manufacturers continued to furnish the market with an excellent degree of buying support. The deliveries of tankcar quantities into Akron and other tire manufacturing centers continued quite good. Prices were unchanged. Some leading tire makers were planning to increase tire prices.

V. M. & P. Naphthas.—The demands continued in better fashion than might be expected for this late in the Fall season. The prices continued unchanged, and the latest price developments in the market was the revision of prices on the Pacific coast.

Markets at Other Centers

Chicago, Nov. 5.—A quiet market situation prevailed in petroleum solvents and diluents. The movement of material out into the various buying industries showed no general slackening. On the contrary, there was a good call from certain lines, and the price structure held quite strong, for the most part, despite a few little irregularities here and there. Inquiries were fairly substantial. Ruling prices in tankcar lots except as noted were:—(tankcar prices f.o.b. Oklahoma): Blending naphtha, 4½c. to 4¾c. per pound; cleaners' naphtha, 7⅜c. to 7½c., tankcar; 15.5c., tankwagon; petroleum spirits, 6⅜c. to 6½c., tankcar; 16.2c., tankwagon; lacquer diluent, 8⅜c. to 8½c.; rubber solvent, 7⅜c. to 7½c.; Stoddard solvent, 6⅞c. to 7c., tankcar; 16c., tankwagon; v.m. & p. naphtha, 7⅜c. to 7½c., tankcar; 16.5c., tankwagon.

Tulsa, Nov. 5.—This market for petroleum solvents remained unchanged with cleaners' naphthas the most active; v.m. & p. was slow. Prices, however, were still 6⅞c. to 7⅜c. per gallon.

Lighter Fractions

Producers of liquefied petroleum gases have not altered the posted schedule of prices for the past several weeks. The position of the market seemed well stabilized and the demands of the market were running along in routine fashion.

Butanes.— Conditions surrounding this commodity were unchanged during the past week. Quotations were held at 2¼c. to 3¾c. per gallon for tankcars, basis Group 3, according to the number of cars taken monthly. These quotations were for material testing up to N.G.A. specifications.

Hexanes.—Schedule prices continued in force throughout the past week and the market shared the general serenity of the group of liquefied hydrocarbon gases. Normal continued at 10½c. per gallon in tanks with usual differentials for smaller quantities. The price was basis Group 3.

Octanes.—There were no new or important developments in the market for this mixture last week. The prices continued at the recently established level of 8½c. per gallon for tankcar quantities, basis Group 3.

Pentanes.—Prices continued steady at the basis of 9½c. per gallon for tanks, f.o.b. Group 3, for normal grade. The laboratory article continued at 16c. per gallon at Group 3 for drum car lots.

Petrolatums and Waxes

White Mineral Oils.—The market was favored with a slightly better rate of activity last week. Perhaps because of lower temperatures, oil bottlers' buying attentions were more widespread. The technical oils continued to move in moderately active fashion. Prices held with a fair degree of steadiness.

Paraffin Waxes.—The scale wax market continued without price change at 2.40c. per pound for 122-124 American melting point and 2.45c. per pound for 124-126 grade. There was not much activity in the market but the absence of trading did not tend to weaken the prices. In fact, the market leaded toward the stronger side and some of the smaller Pennsylvania refiners were not able to offer as they were sold up on production for the balance of the year. Fully refined waxes continued steady and have not changed in price for some time.

CHICAGO, Nov. 5.—The paraffin wax market situation remained quiet, but mostly in good and healthy position, according to survey of the principal sellers. The tone was firm, with prices holding their own, apparently without difficulty. Both domestic and export business was described as being of good proportions. Ruling prices were:—122-124, 4.65c. to 4.75c. per pound; 125-127, 4.9c. to 5c.; 127-129, 5.05c. to 5.15c.; 130-132, bulk or bag, 5.45c. to 5.55c.; 132-134, 5.7c. to 5.8c.

TULSA, Nov. 5.—Paraffin wax remained strong here despite reports of price concessions in some of the Eastern points. The Midcontinent quotations remained at 2⅝c. per pound for 124-26 American melting point scale.

Petrolatum.—The prices continued steady and there has not been a change in quotations for some time. Some supplies were able to report a better demand last week but this was not universal and others could not point to anything better than spottiness.

Fuels and Lubricants

Higher tankcar prices for heating oils at some coastal points furnished the feature to the refined petroleum market in the Eastern area. The Eastern market did not share in the gasoline buying movement that featured the Midcontinent market during the closing days of the week. Considerable concern was manifested over the harbor strike and while it did not handicap the tanker gasoline business, sellers were concerned over the supply of heating oils if the strike should continue for more than two weeks. If rail deliveries are to be made from the Southwest, the additional haulage cost will be reflected in the prices, according to the sellers here. Kerosene demands were activated by the colder weather conditions but the tankcar market was still shadable here. The prices for gasoline held steady.

Tankwagon Price Changes

ATLANTIC CITY, N. J.—Dealer tankwagon prices for gasoline were reduced ½c. per gallon, November 2, by the Standard Oil Company of New Jersey. The

Petroleum Production—Motor Fuel Stocks

	Barrels	
	1936 Jan. 1-Nov. 7	1935 Jan. 1-Nov. 7
Commercial crude oil production	911,313,000	818,236,000
	Week ended Nov. 7, 1936	Week ended Nov. 9, 1935
Daily average production	3,031,600	2,801,800
	Week ended Oct. 31, 1936	Week ended Oct. 24, 1936
Estimated motor fuel stock total	57,982,000	57,864,000
Estimated finished motor fuel stock at refineries	32,747,000	32,249,000

The State of the Petroleum Market

Crude oil prices were reduced at Rock Creek, Grass Creek and the Frannie fields in Wyoming, and at the Hamilton Dome field, Montana. Owensboro, Kentucky, and Mirando, Texas, were increased. Gasoline at the refinery points was unchanged. Service station gasoline prices were lowered ½c. in Cincinnati.

	Nov. 6	Oct. 30	Last Year
Crude petroleum prices at well (average for ten fields) per barrel	$1.276	$1.276	$1.113
Gasoline prices at refineries (at four refining centers) per gallon	.0534375	.0534375	.0525
Gasoline prices at service station (average for ten marketing centers—including tax) per gallon	.1919	.1922	.1899

Current prices on petroleum and its products are given in the alphabetical list of prices beginning on page 7

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HEAVY RETURNABLE AND LIGHT SHIPPING
PLAIN STEEL HOT GALVANIZED
STAINLESS STEEL PURE NICKEL
HOT DIP TINNED MONEL METAL
SPECIAL INTERIOR COATINGS
HEAD AND SIDE COLOR DECORATED

I. C. C.— 5E and 5J Decorated Type

MEURER
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NEWARK, N. J.

Sales Agents

Philadelphia
F. E. RUTAN, Jr. 1608 Walnut St.

Baltimore
R. S. MUELLER CO. Garrett Bldg.

Pittsburgh
T. C. TIPPER & CO. 3648 Brighton Rd.

Wilmington
J. T. M. LACY 1004 Adams St.

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Proprietors of PARFUMERIES de SEILLANS Seillans, France
FRITZSCHE BROTHERS, of Canada, Ltd. 77-79 Jarvis St. Toronto Canada
PORT AUTHORITY COMMERCE BLDG. 76 NINTH AVENUE, NEW YORK, N. Y.
118 WEST OHIO ST. CHICAGO, ILL.

Outputs and Quotas

A comparison of suggested crude oil production for October as recommended by Secretary Ickes and the American Petroleum Institute's estimate of crude production for the week ended October 31, follows:—

	Federal agency allowable.	Estimated output.
Oklahoma	559,900	564,750
Kansas	155,000	163,400
Texas	1,106,900	1,193,950
Louisiana	189,300	233,250
Arkansas	29,600	28,100
Eastern (not including Michigan)	106,300	117,050
Michigan	30,000	31,200
Wyoming	37,300	40,400
Montana	14,200	15,750
Colorado	4,300	4,950
New Mexico	74,200	83,100
California	535,300	567,600
Totals	2,842,300	3,043,500

price was lowered to 12½c. per gallon, including tax.

Market Conditions

Gasoline.—The local refinery market did not share in the buying movement which was reported from the Southwest in the latter part of the week. Jobbing demand here was quite spotty. The prices continued without change in position and leading suppliers quoted U.S. motor, 62-63 octane, 6½c. per gallon; U.S. motor, 65 octane, 6¾c. per gallon, and branded qualities, 7c. per gallon. All of these quotations were for tankcar lots, f.o.b. refinery. Tanker business has not been handicapped appreciably by the harbor strike. The retail market in the East continued with a few weak spots, but the major portion of this area lacked disturbance. Conditions in the export market were unchanged and quotations at the U.S. Gulf remained as follows:—U.S. motor, 5⅛c. per gallon; 60-62, 400 e.p., 5¼c. per gallon; 60-62, 390 e.p., 5⅜c. per gallon; 64-66, 375 e.p., 5½c. per gallon.

Kerosene.—Despite added interest on the part of the buyers, the local tankcar market was still subject to shading below the posted prices of leading sellers. The latter posted 4⅝c. per gallon for tankcars of 41-43 water white material at the refineries and open market trades were reported at 4½c. per gallon. The colder weather accelerated the demand during the week. The export market continued in a steady and unchanged position at the U.S. Gulf with 3¾c. per gallon named for prime white and 4⅛c. to 4½c. per gallon quoted for water white.

Fuel and Gas Oils.—Light fuel oil was advanced ⅜c. per gallon at New York and Baltimore, and, ⅝c. per gallon at Norfolk and Charleston. The tankcar prices at the former points was now 4⅝c. per gallon while the quotations at Norfolk and Charleston were 4⅞c. per gallon. Although local stocks of fuel oil were believed to be sufficient to cover the market's demands for about two weeks or so, the harbor strike will seriously handicap tankcar business unless the strike is settled shortly. Some privately owned tankers have been tied up within the past few days and it was said that if rail deliveries were necessary the additional cost would probably reflect in the selling prices. There has been no change in the position of bunker and Diesel oils.

Lubricating Oils.—Seasonal purchasing interest held the Pennsylvania neutral oils in a firm position at the prices that were established recently. Bright stocks were also held in a firm position and while the demand was moderate, there were no surplus stocks to be had at prices under the market. The Pennsylvania cylinder oils did not change during the week.

Crude Oil Price Changes

Rocky Mountain

Ohio Oil Company reduced posted prices for Rock Creek, Wyoming, crude 3½c. per barrel, November 1. The new posted price was $1.08½ per barrel. On the same date, the price of Owensboro crude in western Kentucky was increased 5c. to $1.28 per barrel. On November 4, this company reduced posted prices for Grass Creek, Wyoming, crude 10c. per barrel to the basis of 62c. per barrel. Stanolind Oil & Gas Company also posted 62c. at this field, November 4.

Stanolind Oil & Gas Company posted prices for crude oil at the Frannie field, Wyoming, at 70c. per barrel for light and 62c. per barrel for heavy crude. This posting was made November 4. The company also posted a price of 57c. per barrel for crude at the Hamilton Dome field, Montana.

Texas

Magnolia Petroleum Company increased posted prices for crude oil at Mirando field to 90c. per barrel. This posting was made November 1, an advance of 5c. per barrel.

Markets at Other Centers

Tulsa, Nov. 5.—The prevalence of lower temperature throughout the middle West which increased the consumption of burning oils caused another tight condition in the supply of these products in the Mid-continent area. Refiners showed reluctance in meeting the demand of the trade. Insistent bidding for supplies so early in the season was apparently so favorable an indication, that refiners would rather await a later period before dipping into inventories. There was apparently no disposition on the part of refiners to follow up the situation by raising prices.

The demand for the heavy grades of fuel oil of low viscosities and higher cold tests was also increasing. Because of unfavorable cold tests these have been the most draggy products on the list, but this week there was a material firming up of quotations.

Against this favorable condition in the heavier oils, the light ends were apparently easing off. The gasoline gallonage was well maintained, but offerings were increasing and the resale market receded.

The marking up of crude prices in Texas fields, most of which yield heavy crudes, was confirmation of the strength for residual oils.

Quotations for refined products traded in the midcontinent field on the basis of Group 3 were as follows:—

GASOLINE (refinery).—While quotations for the U. S. Motor appeared unchanged at 4¼c. to 4⅜c. per gallon there was a large supply available at 4¼c. and most of the trading was effected at this price. The contract prices were unchanged at 4⅝c. to 4¾c. per gallon for the same grade. However, in the resale spot market some of the 65 octane material was offered at 4⅝. In the contract market the 63-67 grade was generally 4⅞c. to 5¼c.; the 68-70 was 5⅝c. to 5⅞c.

GASOLINE (natural).—Texas quotations for the 26-70 grade were 4¼c. and 4½c. in Oklahoma. The 14 pound grade was quoted at 6⅛c. while the 22 pound material was generally 4⅞c. to 4.95c. per gallon.

KEROSENE.—The 41-43 grade which is quoted at 3⅜c. to 3½c. while the 42-44 grade is being quoted at 3½c. to 3⅝c. per gallon.

DISTILLATES.—Quotations were unchanged but more of the resale market trading was effected at the contract prices which is an augury for the early posting of higher quotations. No. 1 prime white

(Continued on page 62)

Paint Materials

Naval Stores

(Continued from page 50)

position, while the holders are growing more backward about relinquishing material. Tone in general is firmer and healthy. Ruling prices at the close of business last night were: B grade, $8.75 per lot of 280 pounds; G grade, $8.95; M grade, $9; W.W. grade, $9.80.

LONDON, Nov. 6.—Quotations on American rosin were as follows:—

	Per cwt. in barrels—Common. s.	d.	W.W. s.	d.
Saturday	16	6	18	0
Monday	16	6	18	0
Tuesday	16	6	18	0
Wednesday	16	6	18	0
Thursday	16	6	18	0
Friday	16	6	18	0

Pitch.—A firmer tone developed, the market being influenced by the strength of the primary situation. There was a fairly active demand, though consumers were apparently disinclined to anticipate to any material extent.

Rosin Oil.—The upward trend of basic material in primary centers was reflected in a stronger market here for rosin oil, spot quotations being 2c. per gallon higher. Demand was fairly active.

Tar.—Quotations were maintained and the tone of the market appeared to be firm. There was a steady movement into local and outside consuming channels.

Shellac

Business in the market for shellac was not especially active during the past week, For the most part, trade was along entirely conventional lines and the total of sales on new contracts was not very large. However, in view of the recently firmer markets in London and Calcutta, the sale of bonedry shellac was attended by a slight decrease in the competitive tendency. It seemed that sellers strove successfully to obtain 18c. per pound for bonedry on this market and while at times they were still forced to do 17½c., such occasions were far fewer than they were in the not so far distant past. The market was considered to be 18c. To that extent, the market has undergone moderate improvement. In the meantime, questions of quality seemed to have arisen to a new degree of prominence. Numerous arbitrations were understood to be afoot and price allowances were the rule after the arbitrators passed on most cases.

London, Nov. 6.—London quotations basis of sterling exchange at $4.88, for shellac for later delivery have been as follows (the quotations in United States currency represent prices here and include other handling charges):—

	November 6—Shillings. Cwt.	Cents. lb.	October 30—Shillings. Cwt.	Cents. lb.
December	49½	10.8	49	10.7
March	51	11.1	50½	11.0

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day closing prices were as follows:—

	Per hundredweight—December.	March.
October 30	49s.	50s. 6d.
October 31	49s.	50s. 6d.
November 2	48s. 6d.	50s.
*November 3	....	....
November 4	49s. 6d.	51s.
November 5	49s. 6d.	51s.
November 6	49s. 6d.	51s.

* Election day here.

Calcutta, Nov. 6.—Prices quoted on U.S.S.A. T.N. c.&f. New York, basis of sterling exchange at $4.88, were as follows:—

	Per pound—Nov. 6.	Oct. 30.
November	10⅞c.	10⅞c.

Quotations in cents per pound were subject to correction in accordance with the rate of exchange prevailing on London.

Day-to-day prices and reports on market conditions were as follows:—

	Per pound.	Market
October 30	10⅞c.	Quiet
October 31	10⅞c.	Quiet
November 2	10⅞c.	Quiet
*November 3	.....	.....
November 4	10⅞c.	Quiet
November 5	10⅞c.	Quiet
November 6	10⅞c.	Quiet

* Election day here.

Lacquer Materials

The market for lacquer materials continued to note a conservative buying movement, but the price tone was steady to firm. Consumers in all quarters of the market appeared to be covering for immediate production wants only. Despite the lull noted in demand early in the week, reflecting the pre-election uncertainty, sellers reported the call picked up sharply in the last half of the period under survey. The market was without a specific price feature. Reports from the automobile industry had it that production last week was close to 72,000 units, and further betterment was looked for during the November month, with expectations that orders for new models, after the automobile show next week, would carry plants at a rather high level through the greater portion of the first quarter. Butyl alcohol was steady.

Acetone.—Demand continued fair in this direction. Prices ruled steady to firm. Usual consumers supplied the call.

Butyl Acetate.—Quiet prevailed in this market throughout the greater portion of the period under review. Prices were regarded as steady to firm.

Butyl Alcohol.—Shipments of conservative volume continued to move to routine consumers. A firm tone was in prominence.

Ethyl Acetate.—A favorable buying movement was reported at times here, and prices were described as firm.

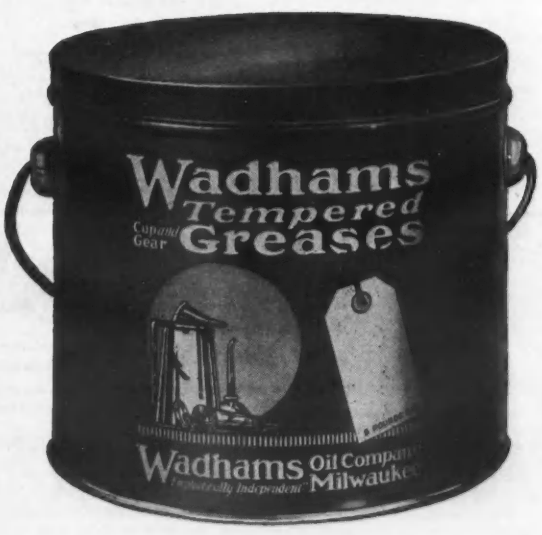
Driers

The market for stearate driers held steady at the price advances that were placed in effect October 29. The 1c. per pound boost in aluminum, calcium, magnesium and technical zinc stearates affected both spot and new contract business and the sellers were accepting business for 90 days ahead at the advance levels. The higher prices did not affect the steady flow of orders from buyers' hands.

Glues and Binders

Casein.—The market's position did not change last week. Domestic was still quoted at 17c. to 17½c. per pound in car lots, according to grinding. The market's activity has quietcd down during the past two weeks but sellers were inclined to blame the lull of purchasing on the interest in national elections. Imported material was also unchanged in price. Argentine production should be heavy this month and offerings from South America should increase.

Glues.—The market continued in a strong position but sellers here reported no change in prices as yet. Contract quotations for next year will probably be higher and an increase in open market quotations was looked for soon.



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Fertilizer Materials

Dullness Continues Outstanding — Southern Convention Opens Today — Harbor Strike Handicaps Water Deliveries —Sulphate of Ammonia Remains Firm

The agricultural chemicals market continued in dull and listless fashion last week. With the annual Southern zone convention of the National Fertilizer Association opening today in Atlanta, materials suppliers expected more of a turnover than that of the past few weeks, albeit there is little mixing going on now, and it was too early in the season for fertilizer crudes to move in volume. Furthermore, the tie-up of marine shipping facilities on the Pacific Coast has extended to Atlantic and Gulf ports, and many water deliveries cannot be guaranteed. The general position of fertilizer materials prices was motionless last week, and the few changes that took place were relatively unimportant.

Sulphate of ammonia continued to occupy a firm position, and even though the daily output continued in substantial tonnage, the market was not overhung with excess stocks, and prospects indicate the maintenance of a good, firm market. Prices were slated to rise after the close of this month, when the December-June quotations become effective. Another development slated for the end of this month was the expiration of the current two percent discount offering on potash salts.

Organics have been marking time under the lack of purchasing interest of fertilizer producers. Feeding materials have been strengthening in price lately and may reflect in the packing-house ammoniates if the current trend should continue. An interesting development in the market for nitrogenous material was the report from abroad that an explosion had taken place in the plant of a leading German supplier of this article, and, while details were lacking, the incident may lessen some of the offerings of foreign material.

Price Changes

Prices were changed during the past week as follows:—

Advanced

Fish meal, Baltimore, $1 per ton.

Reduced

Blood, import., 5c. per unit.
Bone, dom., raw, Chicago, $1 per ton.
meal, Chicago, $2 per ton.
import., meal, 25c. per ton.
Fish scrap, Japanese sardine, 50c. per ton.

Comparative Values

Index numbers compiled from four typical fertilizer materials on the basis of a normal of 100 for August 1, 1914, compare as follows:—

Last week.	Prev. week.	Last month.	Last year.
63.6	63.6	63.6	57.7

Market news that may have developed after this report was sent to press will be found on page 4.

Ammoniates

Nitrate of Soda.—In company with other fertilizer materials, the market was quiet and without much for comment last week. Perhaps Southern trade might liven this week at the Atlanta convention, but the sellers have indicated that it was still a little too early in the season for volume movements of this material. The price situation continued unchanged with material offered for delivery through June.

Sulphate of Ammonia.—The market continued quite firm and prices were held at the schedule. The movement of material against contracts has been mild and, even though the production continued in substantial proportions, the market is not overhung with supplies, and prospects indicated a continuance of the present firmness. There has been no new activity in the imported article. The schedule of prices was slated for a 50c. per ton advance on the first of next month, when the December-June prices take effect.

Castor Pomace.—There has been no life in the market during recent weeks. Foreign material has not been a factor here for some time, and it was impossible to find offerings in Europe. Domestic was available at $18.50 per ton at the producing points.

Dried Blood.—Imported material was quoted at $3.45 per unit last week, a reduction of 5c. per unit from the previous asking figure. The domestic market was without price shift during the week, with quotations held at $3.75 per unit at New York and nominally $4 per unit in Chicago.

Fish Scrap.—A Baltimore report indicated that several hundred tons of unground menhaden scrap changed hands at $3.50 and 10c. per unit-ton last week, f.o.b. factory. From local opinion, it seemed doubtful that $3.50 and 10c. could be worked now and some of the producers have halted fishing operations for the season. Holders of stocks of ground meal in Baltimore advanced quotations to $48 per ton, compared with a range of $47 to $48 previously. Japanese sardine meal was quoted at $40 per ton, but a firm bid at $39.50 per ton for shipment of No. 1 grade would have been accepted last week.

Nitrogenous Material.—Mail advices from abroad last week reported that an explosion had taken place in the plant of a leading producer of this article in Germany. Quotations for imported material continued at $2.75 per unit, c.i.f. Atlantic ports. The domestic market held the recent advance of prices and quotations were $2.65 per unit, basis mid-Western producting points, and $2.85 to $3 per unit at the manufacturing points in the East Coast area.

Tankage.—The advances of a week ago were held at all marketing points, but there was no further change in price last week. The imported article was last heard at $3.75 and 10c. per unit-ton and quotations were now nominal at that basis. The New York market continued at $3.75 and 10c. per unit-ton for either ground or unground. Chicago prices were unchanged from a week ago.

Potashes

The market continued along a quiet and even course. Virtually all of the mild activity noted in the market was in deliveries or arrangements for deliveries against contracts. There was no new business being placed and the market would likely continue quiet until just before the end of this month when the present discount offering expires. Domestic producers were unable to offer much in the way of supplies. The best available discount at this time was a 2 percent allowance on orders placed prior to December 1 for spot delivery or for shipment on the basis of substantially equal monthly quantities from December 1 to February 28, 1937.

Phosphates

Some of the superphosphate interests have been talking of a higher market and prices in the far South were increased on the first of the month. There has been little market demand at Baltimore and other coastal producing points in the past several weeks, however. The price for imported 3 and 50 bone meal was cheaper last week, marking the second reduction in as many weeks, and, the domestic article in Chicago was also lowered.

Bone Materials.—The price of imported 3 and 50 meal was reduced 25c. per unit last week, the second such decline in as many weeks. Quotations were now $24.50 per unit for 100-pound bag packing, c.i.f. ports. The domestic market in Chicago was quoted at $18 to $20 per ton, a decline of $2 per ton. The price for 4½ and 50 raw bone was also reduced in Chicago to $23 to $25 per ton, compared with $24 to $25 per ton a week ago.

Superphosphate. — The sellers have been talking the market in stronger fashion, but the quotations at Baltimore and other coastal manufacturing points continued unchanged. In the South, however, the low competitive prices of the early part of the season have been withdrawn and sellers in the Southeast have been trying to obtain higher prices since the first of the month.

Sulphur and Pyrites

The omnibus tax bill is now on the statute books in Texas and the sulphur severance tax was now $1.03 per ton against the former figure of 75c. per ton. The law became effective October 31. It was considered unlikely that the added tax could be passed on to the consuming trade, inasmuch as sellers have been soliciting 1937 contracts at unchanged selling prices. It was understood that sulphur operators in Louisiana were endeavoring to bring about some change from the present $2 per ton tax on sulphur severance in Louisiana. Conferences have been held between sulphur mine operators and Louisiana State officials, but so far as could be learned, no definite results have come out of these meetings.

Sulphur production in Texas for the third quarter of the year was 436,339 long tons, acocrding to the State Comptroller's office. This was the largest quarterly output since the third quarter of 1931 and compared with 384,671 tons in the preceding quarter, and 352,689 tons in the corresponding quarter of 1935. The 436,339-ton total was divided as follows:—Wharton county, 33,478 tons; Brazoria, 75,637 tons; Fort Bend, 19,273 tons, and Matagorda county, 7,950 tons. Total production in Texas for the first nine months of this year was 1,210,618 tons against 879,537 tons in the corresponding period last year.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

Markets at Other Centers

Atlanta, Nov. 5.—With the annual Southern meeting of the National Fertilizer Association to be held here next week, new interest in fertilizer materials for the next season was expected. As usual, a large attendance of Southern fertilizer manufacturers will be present, together with a large representation of fertilizer materials interests. The approaching meeting and national politics left last week's interest in fertilizers negligible. Prices of materials showed practically no change in the very quiet market. The scheduled advance of 80c. per ton on superphosphate occurred November 1.

Quotations of this market were as follows:—

SUPERPHOSPHATE.—$10.30 ton, interior producing points.
NITRATE OF SODA.—$25.50 ton, bulk, port basis.
SULPHATE OF AMMONIA.—$25.50 per ton, bulk, port basis.
COTTONSEED MEAL.—7 percent grade, $29 ton, interior mill points.
NITROGENOUS.—$2.75 to $2.85 per unit, ports; $2.50 to $2.65, midwest.
BLOOD.—$3.75 per unit, Chicago; $3.50 imported, port basis.
TANKAGE.—$3.25 to $3.50 and 10c., Chicago.
POTASH.—At schedule.

Baltimore, Nov. 5.—With the movement in fertilizer mixtures on the wane for the present season and with the diverting influence of the national election trade during the last week was duller than for some time. Quotations were well maintained. The prevailing quotations were as follows:—

FISH SCRAP.—Several hundred tons of unground were reported sold last week at $3.50 and 10c. per unit-ton, f.o.b. shipping point, which, in this case, was the factories down the Chesapeake Bay. One factory has halted operations, but several other boats continued at work, being favored by mild weather, with very little wind. Japanese sardine meal was held at $40 per ton, but may be worked at $39.50 per ton, while domestic menhaden meal was still around $47 to $48 per ton.

TANKAGE.—The figures mentioned were around $3.75 and 10c. per unit-ton, c.a.f. basis Baltimore, for ground, with unground at $3.55 per unit-ton.

BLOOD.—The market was named at $3.75 per unit.

SUPERPHOSPHATE.—Producers talked of a rising market and forecast advances, though such a development has not yet found expression in the quotations.

BONE.—Quotations were $31 to $31.50 per ton for 4½ and 50 for ground raw, and $27 to $28 per ton for 3 and 50 ground steamed supplies.

Chicago, Nov. 6.—A slightly stronger tone pervaded the fertilizer materials market than was the case recently, although some prices continued at a low point. At these prices, though, the aspect of the market actually appeared firmer than was true in some cases when prices were nominally higher. Movement of material was reported fairly good in the various divisions. Blood was rather tight and closely held. Tankage business was reported good. Bone materials were quiet.

BLOOD.—High grade, ground and unground, $3.90 to $4 per unit of ammonia; unground, suitable for feeding, 10 to 12 percent, extra good, $3.90 to $4; 7 to 9 percent, $3.90 to $4.10 and 10c.

TANKAGE.—High grade, $3.40 to $3.50 and 10c.; low grade tankage, $19 to $20, Middle West; liquid stick, $2.25 to $2.40; hoof meal, $2.75 to $2.80.

BONE MATERIALS.—Ground, steamed bone, 1¼ and 60 percent, $17 to $18; 3 and 50 percent, $18 to $20; 4½ and 50 percent, $23 to $25; grinding hoofs, pigs' toes and waste horn materials, $19 to $21; junk and hotel kitchen bones, $17 to $19; cattle jaws, skulls and knuckles, $26 to $27; pork cracklings, soft pressed, $55 to $60; beef cracklings, soft pressed, $50 to $55; hard pressed cracklings, per unit of protein, 85c. to 90c.

SAN FRANCISCO, Nov. 3.—Strike conditions on the Pacific Coast, affecting the shipping and warehouse facilities of this area, cast an uncertain tone into the fertilizer business and most of last week the markets remained quiet, with a number of prices quoted on a strictly nominal basis only. Organic products appeared to be the most susceptible to any form of reaction from the strike, inasmuch as foreign sources of supply were at least temporarily cut off. Buyers of animal products were unwilling to purchase except on an ex dock basis, while shippers as a rule can

Fertilizer Freights Reduced

WASHINGTON, Nov. 2, 1936.

The Interstate Commerce Commission has granted authority, under certain conditions, for establishment of a rate not lower than $3.45 per net ton on fertilizer and fertilizer materials, carloads, over the lines of the Louisville & Nashville Railroad, the Seaboard Air Line Railway Company, and the Georgia Southwestern & Gulf Railroad, from Pensacola, Fla., to Albany, Ga., also for maintenance of higher rates to intermediate points. The rate is the same as that in effect over shorter routes between the same points, and the relief is granted to enable the applicants to meet that competition.

Agronomists Meet Nov. 18-20

The American Society of Agronomy will hold its annual meeting November 18 to 20 in the Mayflower hotel, Washington. Plans for the sectional meetings contemplate discussions on rapid nutrient deficiency tests, availability of essential elements of the soil, fertilizer problems, soil conservation, and pasture improvement. The National Joint Committee on Fertilizer Application will meet in the same hotel November 17.

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only offer on a c.i.f. basis. As a result there was a deadlock. Meantime, there has been practically no change in the quoted price of domestic materials, but business seems to be lacking and no real market test can be found. Fish meals were easier last week, but some reports have them stronger today.

Ruling prices are:—

NITRATE OF SODA.—100-pound bags, $28 per ton; 200-pound bags, $27.50 per ton; and bulk lots $26 per ton, all ex vessel San Francisco-Oakland.

AMMONIA PHOSPHATE.—Quoted at $38 per ton, single bags; $38.50 per ton, paper-lined bags, f.o.b. cars, San Francisco, basis 16% N., 20% P.A.

SULPHATE OF AMMONIA.—Quoted at $27.50 per ton, f.o.b. cars, in 100-pound bags, San Francisco and Los Angeles harbor and $28.50 per ton, delivered inland California points, excepting Imperial valley and San Diego county. Latter points, $29.50. Prices good for delivery to June, 1937.

POTASH NITRATE.—100-pound bags, $33 per ton ex vessel or warehouse, San Francisco-Oakland; 200-pound bags, $32.30; bulk, $31.

SUPERPHOSPHATE. — Domestic quoted at 75c. to 80c. per unit in bulk, f.o.b. San Francisco and Los Angeles harbor. Bags, 85c. to 90c. per unit. Foreign material, 67½c. to 70c. per union in bags, c.i.f. Pacific Coast ports.

FISH MEALS.—California sardine meal quoted at $35 to $36 per ton, prompt to deferred shipments, f.o.b. cars, Monterey-San Francisco. Strictly fertilizer grade Japanese meal, November-December shipment from the Orient last quoted at $36.50 per ton, c.i.f. Pacific Coast.

TANKAGE.—Local packing house tankage, ground, fertilizer grade, quoted nominally at $3.20 and 10c. per unit-ton, f.o.b. cars, San Francisco, and $3.35 and 10c. per unit-ton, Los Angeles. Argentine, ground, nominal. Dry rendered, domestic, ground, quoted at 90c. per unit of protein, f.o.b. cars, San Francisco. Unground, dry rendered, quoted at 80c. per unit.

BONE MEAL.—Domestic steamed bone meal, quoted according to quality at $28 to $32 per ton, delivered Pacific Coast ports. Imported, lower grade fertilizer meal, quoted at $25.

BLOOD MEAL.—Domestic quoted nominally at $3.50 per unit, f.o.b. cars, San Francisco and $3.25 per unit, Los Angeles. Argentine meal quoted at $3.40 per unit, November-December shipment, c.i.f. Pacific Coast ports.

Current prices on fertilizer materials are given in the alphabetical list of prices beginning on page 7

EXTRA! ★★★★ National News EXTRA! ★★★★

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I.C.I. Forms Australian Alkali Co.

Imperial Chemical Industries, which for more than a year has been planning entering the alkali industry in Australia, has registered a new subsidiary company at Melbourne, with nominal capital of £2,000,000. The new company will begin operations at Port Adelaide. Leases of extensive salt and limestone areas around St. Vincent gulf have already been obtained.

Merkin Honored at Dinner

A dinner in honor of Michael J. Merkin, president of the M. J. Merkin Paint Company, this city, and president of the Elmford Country Club, was given at the Waldorf-Astoria hotel, November 1. Speakers lauded Mr. Merkin for his activities in philanthropic work. Supreme Court Justice Mitchell May, of Brooklyn, was toastmaster, and speakers included David T. Wilentz, Attorney General of New Jersey; Maurice Levin, president of Hearn's department store; James A. Farley, Grover A. Whalen, Samuel Levy, Judge Martin T. Manton, of the United States Circuit Court of Appeals, and Samuel D. Leidesdorf, of the joint distribution committee.

Shipping Information

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Imports at U.S. Ports

New York Imports

ACID, COTTONSEED OIL—60 bbls, Reliant Oil Corp, Spaarndam, Rotterdam
CRESYLIC—50 dms, American Cyanamid & Chem Co, Lancastria, Liverpool
8 dms, Monsanto Chem Co, Lancastria, Liverpool
NAPHTHENIC—4 dms, D F Sallows, D L Harper, Aruba
ACONITE ROOT—2 bls, J L Hopkins & Co, Vulcania, Trieste
AGAR AGAR—20 bls, Mitsui & Co, Azumasan, Kobe
10 cs, Orbis Product Trading Co, Belfast, Kobe
40 bls, Chase Natl Bank, Tai Young, Kobe
ALBUMEN, EGG—56 bbls, J Lowe Corp, President Taft, Kobe
ALCOHOL—2 dms, 2,890 lbs, G Silver Import Co, Schodack, Havre
ALOE—98 cs, Selma Mercantile Corp, Lara, Curacao
50 cs, De Sola Bros, Lara, Curacao
ALUMINUM, LEAF—52 cs, Globe Shipping Co, Deutschland, Hamburg
33 cs, Rohner, Gehrig & Co, Deutschland, Bremen
POWDER—2 dms, Rohner, Gehrig & Co, Schodack, Havre
AMMONIA, SULPHATE—500 bgs, Bradley & Baker, Spaarndam, Rotterdam
SULPHOCYANIDE—10 kgs, American Cyanamid & Chem Co, Lancastria, Liverpool
ANISE—100 bgs, 11,000 lbs, American Bluefriesveen Co, Oakre, Alicante
62 bgs, President Van Buren, Marseilles
100 bgs, City Bank of Cleveland, Lancastria, Liverpool
ANTIMONY—1,288 bgs, National Lead Co, Western World, Buenos Aires
ORE—2,054 bgs, Bank of London South America, Santa Barbara, Antofagasta
OXIDE—150 bgs, S L Jones & Co, President Taft, Shanghai
ARROWROOT—400 bbls, 300 bgs, Morningstar, Nicol, Nerissa, St Vincent
ARSENIC, WHITE—200 cs, H H Rosenthal & Co, Azumasan, Kobe
25 cks, 14,960 lbs, American Cyanamid & Chem Co, Deutschland, Hamburg
ARTIST'S MATERIAL—5 cs, Gallagher & Ascher, Spaarndam, Rotterdam
7 cs, Winsor & Newton, American Merchant, London
7 cs, Gallagher & Ascher, Volendam, Rotterdam
ASBESTOS—100 bgs, Gerhard & Hey, Spaarndam, Rotterdam
100 bgs, Amtorg Trading Corp, Chelyuskinets, Leningrad
53 bgs, President Van Buren, Genoa
500 bgs, Johns Manville Corp, Sagadahoc, Capetown
200 bgs, Standard Bank South Africa, Sagadahoc, Capetown
120 bgs, Sagadahoc, Capetown
67 bgs, Gerhard & Hey, Volendam, Rotterdam
ASPHALT—1,155 bgs, A V Berner & Co, Seatrain N Y, Havana
BALSAM—5 cs, 888 lbs, W R Grace & Co, Santa Elena, La Libertad
20 cs, Dodge & Olcott Co, Buenaventura, Central American ports
BARIUM CHLORATE—20 kgs, 2,483 lbs, International Selling Corp, Schodack, Havre
BAY RUM—2 bbls, L P Weil, Nerissa, St Thomas
BARYTES—500 bgs, 55,000 lbs, Smith Chem & Color Co, Aakre, Genoa
600 bgs, 66,000 lbs, Whittaker, Clark & Daniels, Deutschland, Bremen
BILBERRIES—100 bgs, 11,000 lbs, S B Penick & Co, Deutschland, Hamburg
BISMUTH, REFD—200 cs, Cerro de Pasco Copper Corp, Santa Barbara, Callao
BITUMEN LIQUID—2 dms, Volendam, Rotterdam
BLANC FIXE—8 cks, Hensel, Bruckmann & Lorbacher, Volendam, Rotterdam
BRISTLES—131 cs, Amtorg Trading Corp, Chelyuskinets, Leningrad
2 cs, Guaranty Trust Co, Deutschland, Hamburg
5 cs, Bank of London South America, Schodack, Havre
6 cs, F H Cone & Co, Schodack, Havre
2 cs, Iwai & Co, President Taft, Shanghai
50 cs, Philadelphia National Bank, President Taft, Shanghai
128 cs, B C Ritchie & Co, President Taft, Shanghai
43 cs, F H Cone & Co, President Taft, Shanghai
158 cs, F H Cone & Co, President Taft, Kobe
90 cs, B C Ritchie & Co, President Taft, Kobe
17 cs, F W Von Stade, Belfast, Kobe
6 cs, F H Cone & Co, Belfast, Kobe
55 cs, H Rosenhirsch & Co, Belfast, Kobe
23 cs, Philadelphia Natl Bank, President Van Buren, Hongkong
12 cs, F H Cone & Co, American Merchant, London
3 cs, J H Schroeder Banking Corp, American Merchant, London
12 cs, Continental Bank Trust Co, American Merchant, London
6 cs, F W Von Ctade, American Merchant, London
14 cs, Chesnut Cooper & Co, American Merchant, London
71 cs, 8 pkgs, American Merchant, London
110 cs, N Wagman & Co, Tai Yang, Tsingtao
31 cs, F E Wallace & Son, Tai Yang, Chungking
9 cs, S Hirshenhorn & Son, Tai Yang, Shanghai
100 cs, N Wagman & Co, Tai Yang, Shanghai
10 cs, Tai Yang, Shanghai
BRONZE POWDER—2 dms, 14 cs, J J Coates, Deutschland, Bremen
CALCIUM, CHLORIDE—725 bgs, 42 dms, Chemical Bank Trust Co, Volendam, Rotterdam
TARTRATE—452 bgs, Harshaw Chem Co, Aakre, Alicante
CAMPHOR, REFINED—295 cs, Mitsui & Co, Azunisan, Kobe
CANTHARIDES—23 cs, 3,302 lbs, Amtorg Trading Corp, Chelyuskinets, Leningrad
CARAWAY SEED—500 bgs, 55,000 lbs, Catz American Co, Spaarndam, Rotterdam
100 bgs, 11,000 lbs, L F Gronowitz, Spaarndam, Rotterdam
200 bgs, 22,000 lbs, R L Friedler, Spaarndam, Rotterdam
CARAWAY SEED—100 bgs, 11,000 lbs, R C Littauer, Spaarndam, Rotterdam
50 bgs, 5,500 lbs, L Ender, Spaarndam, Rotterdam
100 bgs, 11,000 lbs, Morris Horowitz, Spaarndam, Rotterdam
100 bgs, 11,000 lbs, Levy & Levis Co, Black Osprey, Rotterdam
100 bgs, 11,000 lbs, Catz American, Volendam, Rotterdam
100 bgs, 11,000 lbs, L Gronowitz, Volendam, Rotterdam
300 bgs, 33,000 lbs, O Gerdau Co, Volendam, Rotterdam
100 bgs, 11,000 lbs, M Witsenberg, Volendam, Rotterdam
100 bgs, 11,000 lbs, Volendam, Rotterdam
CARBON, DECOLORIZING—1 bg, L A Solomon & Bros, Volendam, Rotterdam
CARDAMOM—43 cs, Dodge & Olcott Co, President Van Buren, Colombo
CAROB FLOUR—22 bgs, 2,200 lbs, Exochorda, Marseilles
200 bgs, 22,000 lbs, S B Penick & Co, Exochorda, Marseilles
CASEIN—167 bgs, Balfour, Guthrie & Co, Southern Prince, Buenos Aires
70 bgs, 11,585 lbs, D C Andrews & Co, Deutschland, Hamburg
149 bgs, 32,865 lbs, Schodack, Havre
11 bgs, American Cyanamid & Chem Co, Western World, Buenos Aires
268 bgs, American Cyanamid & Chem Co, Champlain, Havre
25 bgs, Champlain, Havre
CASTOR BEANS—1,855 bgs, Spencer, Kellogg & Sons, Western World, Santos
1,667 bgs, Baker Castor Oil Co, Western World, Rio Janeiro
6,090 bgs, W R Grace & Co, Mandu, Santos
13,208 bgs, Mandu, Santos
3,404 bgs, W R Grace & Co, Mandu, Bahia
1,700 bgs, Spencer, Kellogg & Sons, Mandu, Bahia
1,694 bgs, Wessel, Duval & Co, Mandu, Bahia
8,325 bgs, Mandu, Bahia
3,400 bgs, Baker Castor Oil Co, Coldbrook, Ceara
3,150 bgs, Bunge North American Co, Coldbrook, Ceara
1,667 bgs, W R Grace & Co, Coldbrook, Pernambuco
2,550 bgs, Baker Castor Oil Co, Coldbrook, Pernambuco
2,517 bgs, Baker Castor Oil Co, Coldbrook, Bahia
CATALYST—42 dms, Lever Bros, Volendam, Rotterdam
CELERY SEED—90 bgs, Silverprince, Karachi
90 bgs, Guaranty Trust Co, President Van Buren, Bombay
CHALK—200 bgs, Whittaker, Clark & Daniels, Manhattan, Hamburg
BLOCK—1,567,000 kilos, Taintor Trading Co, Schodack, Dunkirk
PRECIPITATED—300 bgs, H J Baker & Bros, Sea Glory, Bristol
325 bgs, H J Baker & Bros, Lancastria, Liverpool
CHEMICALS—12 cks, 14 dms, Spaarndam, Rotterdam
80 cks, American Cyanamid & Chem Co, Spaarndam, Rotterdam
6 dms, Michel Export Co, Spaarndam, Rotterdam
100 bgs, Advance Solvents & Chem Co, Spaarndam, Rotterdam
3 cks, 9 cs, Merck & Co, Spaarndam, Rotterdam
1 cs, 1 jug, 15 jugs, General Dyestuff Corp, Spaarndam, Rotterdam
4 dms, Advance Solvents & Chem Co, Black Osprey, Rotterdam
40 cks, Innis, Speiden & Co, Black Osprey, Rotterdam
4 crbys, Black Osprey, Rotterdam
1,016 bgs, 224,859 lbs, Advance Solvents & Chem Co, Deutschland, Hamburg
2 cs, P R Dreyer, Deutschland, Hamburg
50 crbys, 6,663 lbs, Advance Solvents & Chem Co, Deutschland, Hamburg
15 cs, 160 bbls, Deutschland, Hamburg,
15 cs, Sherka Chem Co, Deutschland, Hamburg
50 cs, Hamburg American Line, Deutschland, Hamburg
35 dms, Advance Solvents & Chem Co, Deutschland, Hamburg
20 cks, 11,176 lbs, Hummel Chem Co, Deutschland, Hamburg
14 bbls, 4,774 lbs, National City Bank, Deutschland, Hamburg
10 dms, 2,725 lbs, E W C Toepfer, Deutschland, Hamburg
5 cs, Byk, Inc, Deutschland, Hamburg
3 cs, Akatos, Inc, Deutschland, Hamburg
6 cs, 14 cks, 2,996 lbs, Hummel Chem Co, Deutschland, Bremen
2 cks, American Textile Engineering Co, Deutschland, Bremen
12 cs, 47 cks, Pfaltz & Bauer, Deutschland, Bremen
102 cks, 48,604 lbs, E M Sergeant Pulp & Chem Co, Deutschland, Bremen
20 cks, Stanley Doggett, Deutschland, Bremen
51 bgs, 11,220 lbs, E M Sergeant Pulp & Chem Co, Deutschland, Bremen
20 cks, 8,782 lbs, Hummel Chem Co, Deutschland, Bremen
2 cs, National Carloading Corp, Deutschland, Bremen
6 cks, General Aniline Works, Volendam, Rotterdam
14 dms, Michel Export Co, Volendam, Rotterdam
1 cs, 6 cks, 2 dms, Merck & Co, Volendam, Rotterdam
3 demj, R W Greeff & Co, Volendam, Rotterdam
8 cks, 20 dms, General Dyestuff Corp, Volendam, Rotterdam
1 ck, Calco Chem Co, Champlain, Havre
5 pkgs, F Doherty, Champlain, Havre
6 cs, Michel Export Co, Champlain, Havre
2 cs, E Fougera & Co, Champlain, Havre
3 cs, Sandoz Chem Works, Champlain, Havre
20 bbls, 5,524 lbs, E I du Pont de Nemours Co, Deutschland, Hamburg
CHILLIES—112 bgs, B H Old & Co, Azumasan, Kobe
200 bgs, Mitsui & Co, Azumasan, Kobe
100 bgs, Knickerbocker Mills Co, Belfast, Kobe
55 bgs, Sagadahoc, Mombasa
CHINA CLAY—1,505 tons, 16 cwt, Paper Makers Import Co, Sea Glory, Fowey
490 tons, 1 cwt, J W Higman Co, Sea Glory, Fowey
CHINA CLAY—10 cks, E Fougera & Co, American Merchant, London
196 bgs, English China Clay Sales Corp, Lancastria, Liverpool
CHROME ORE—1,209 tons, 10 cwt, 1 qtr, 12 lbs, E J Lavino & Co, Sagadahoc, Beira
CINCHONA BARK—150 bgs, New York Quinine & Chem Works, Spaarndam, Rotterdam
66 bls, E Mosheim & Co, Santa Barbara, Guayaquil
PRODUCTS — 18 cs, R W Greeff & Co, Spaarndam, Rotterdam
18 cs, R W Greeff & Co, Volendam, Rotterdam
CLAY—320 cks, A Hurst & Co, Spaarndam, Rotterdam
200 bgs, Hammill & Gillespie, Spaarndam, Rotterdam
300 bgs, W Manley, Manhattan, Hamburg
100 tons, Moore & Munger, Sea Glory, Bristol
50 bgs, 11,000 lbs, W Manley, Deutschland, Hamburg
10 cks, F L Krasmer & Co, Schodack, Havre
COALDUST—47 dms, Volendam, Rotterdam
COALTAR, DERIVATIVES—8 cks, General Aniline Works, Spaarndam, Rotterdam
23 dms, 8 cks, General Aniline Works, Volendam, Rotterdam
INTERMEDIATES—309 cks, General Aniline Works, Spaarndam, Rotterdam
72 cks, 179 dms, General Dyestuff Corp, Spaarndam, Rotterdam
6 cs, 6 cks, General Dyestuff Corp, Deutschland, Hamburg
9 dms, 39 cks, General Aniline Works, Volendam, Rotterdam
96 dms, General Dyestuff Corp, Volendam, Rotterdam
PRODUCT—14 cs, Allendon S A, Deutschland, Hamburg
COCOA BEANS—4,000 bgs, Guaranty Trust Co, Frost, Ilheos
8,000 bgs, Frost, Ilheos
500 bgs, Aakre, Lisbon
875 bgs, Mandu, Victoria
2,000 bgs, Philadelphia Natl Bank, Mandu, Bahia
1,000 bgs, Bank of London South America, Mandu, Bahia
500 bgs, Grace Natl Bank, Mandu, Bahia
8,800 bgs, Mandu, Bahia
500 bgs, W R Grace & Co, Coldbrook, Bahia
400 bgs, Wessel, Kulenkampf & Co, Coldbrook, Bahia
425 bgs, Fruit Dispatch Co, Peten, Port Limon
189 bgs, Tropic Foods, Peten, Cristobal
250 bgs, Peten, Cristobal
650 bgs, Sagadahoc, Trinidad
550 bgs, Buenaventura, South Pacific ports
50 bgs, Luna, Jeremie
117 bgs, Luna, Puerto Cabello
25 bgs, W R Grace & Co, Western World, Port Spain
18 bgs, Mecke & Co, Lara, Maracaibo
35 bgs, Lopez & Mangual, Lara, Maracaibo
RESIDUE—3,000 bgs, H J Baker & Bros, Black Osprey, Rotterdam
COCOABUTTER—6 bls, American Bluefriesveen, Volendam, Rotterdam
COCONUTS—1,220 bgs, 122,000 lbs, A N Leakway & Co, Colombia, Kingston
314 bgs, 31,400 lbs, Fruit Despatch Co, Colombia, Kingston
1,098 bgs, 109,800 lbs, Franklin Baker Co, Colombia, Kingston
334 bgs, 33,400 lbs, Durkee Famous Foods, Nerissa, Trinidad
354 bgs, 35,400 lbs, Durkee Famous Foods, Nerissa, St Vincent
513 bgs, 51,300 lbs, Durkee Famous Foods, Nerissa, St Lucia
21 bgs, 2,100 lbs, F S Maynard & Son, Nerissa, St Lucia
750 bgs, 75,000 lbs, Franklin Baker Co, Buenaventura, Cristobal
COCONUT DESIC—300 cs, Dodwell & Co, President Taft, Manila
397 cs, Balfour, Guthrie & Co, President Taft, Manila
4,235 cs, Franklin Baker Co, President Taft, Manila
1,666 cs, Durkee Famous Foods, President Taft, Manila
1,361 cs, Philippine Desic Cocoanut Co, President Taft, Manila
550 cs, Hamilton & Rausher, President Taft, Manila
1,000 cs, Connell Bros, Tai Yang, Davao
1,780 cs, Durkee Famous Foods, Tai Yang, Manila
551 cs, Balfour, Guthrie & Co, Tai Yang, Manila
788 cs, Dodwell & Co, Tai Yang, Manila
COLCHICUM SEED—10 bgs, Vulcania, Dubrornik
COLORS, CERAMIC—2 cs, B F Drakenfeld & Co, Lancastria, Liverpool
COALTAR—8 kgs, General Dyestuff Corp, Black Osprey, Rotterdam
DRY—82 cks, C J Osborn & Co, Spaarndam, Rotterdam
74 cks, C J Osborn & Co, Volendam, Rotterdam
EARTH—6 cks, Reichard-Coulston, Spaarndam, Rotterdam
14 cks, Smith Chem & Color Co, Spaarndam, Rotterdam
50 cks, Calco Chem Co, Deutschland, Bremen
10 cks, Stanley Doggett, Volendam, Rotterdam
8 cks, C J Osborn & Co, Volendam, Rotterdam
PIGMENT—8 jugs, General Dyestuff Corp, Spaarndam, Rotterdam
CORNSILK—55 bls, J L Hopkins & Co, Vulcania, Trieste
CORK—82 cs, Corn Import Corp, Champlain, Havre
67 bls, Armstrong Cork Co, Aakre, San Feliu de Guixols
21 bls, Bisbe Cork Co, Aakre, San Feliu de Guixols
40 bls, Kramer & Hauser, Aakre, San Feliu de Guixols
DISC—40 bls, Crown Cork & Seal Co, Aakre, Lisbon
11 bls, Armstrong Cork Co, Aakre, San Feliu de Guixols
BOARD—1,258 crtns, H S Head, Aakre, San Feliu de Guixols
181 crtns, Armstrong Cork Co, San Feliu de Guixols
SHAVINGS—10 bls, Aakre, Lisbon
VIRGIN—164 bls, Aakre, Lisbon
WASTE—300 bls, Armstrong Cork Co, Aakre, Lisbon
740 bls, Aakre, Lisbon
3,026 bls, L Mundet & Sons, Aakre, Lisbon
2,864 bls, Brown Bros Harriman Co, John Cabot, Aporto
CORK, WOOD—142 bls, Manufacturers' Trust Co, Aakre, Lisbon
2,334 bls, Armstrong Cork Co, Aakre, Lisbon
1,490 bls, Aakre, Lisbon
2,288 bls, L Mundet & Sons, Aakre, Lisbon
25 bls, Deutschland, Hamburg
2,947 bls, John Cabot, Aporto
CRESOL, LIQUID—4 dms, Monsanto Chem Co, Lancastria, Liverpool
CRYOLITE—669 bgs, Jungmann & Co, Manhattan, Hamburg
DERRIS ROOT—25 bls, Dodwell & Co, President Van Buren, Manila
DEXTRIN—4 dms, 1,342 lbs, Form Trading Corp, Deutschland, Hamburg
DILLSEED—43 bgs, President Van Buren, Bombay
DRUGS, CRUDE—20 cs, 2,200 lbs, Niebrugge & Day, Argosy, Gdynia
51 cs, Central Hanover Bank Trust Co, American Merchant, London
DYES—6 cks, Ozalid Corp, Spaarndam, Rotterdam
ALIZARIN—4 jugs, 9 dms, 57 cks, General Dyestuff Corp, Spaarndam, Rotterdam
43 jugs, 100 cks, General Dyestuff Corp, Volendam, Rotterdam
ANILIN—1 cs, 3 dms, 256 cks, General Dyestuff Corp, Spaarndam, Rotterdam
4 dms, L & R Organic Prod Co, Black Osprey, Rotterdam
15 bbls, Ciba Co, Manhattan, Hamburg
7 cyls, 24 cks, Manhattan, Hamburg
30 cks, 1 cs, General Dyestuff Corp, Deutschland, Hamburg
14 dms, Deutschland, Hamburg
38 dms, City of Ripon, Colombo
10 dms, 1 cs, 211 cks, General Dyestuff Corp, Volendam, Rotterdam
135 bbls, 24 pkgs, Ciba Co, Champlain, Havre
34 bbls, Geigy Co, Champlain, Havre
EGG YOLK—51 cs, D L Moss & Co, City of Taft, Shanghai
EPSOM SALT—600 bgs, 132,000 lbs, Deutschland, Bremen
ERGOT—35 dms, 2,618 lbs, Aakre, Lisbon
20 cs, S B Penick & Co, Volendam, Rotterdam
20 cs, E R Squibb & Sons, Volendam, Rotterdam
EUPHORBIA—20 bls, Peek & Velsor, President Van Buren, Colombo
FENUGREEK SEED—54 bgs, President Van Buren, Bombay
FERROMANGANESE — 250 cks, Manhattan, Hamburg
FERTILIZER, LEATHER MEAL—969 bgs, Bradley & Baker, Volendam, Rotterdam
NITRATE PHOSPHATE—300 bgs, 40,495 lbs, Synthetic Nitrogen Product Corp, Black Osprey, Rotterdam
FILTER, PAPER—6 cs, Deutschland, Hamburg
24 cs, H Reeve Angel & Co, American Merchant, London
FISH LIVERS—500 tins, E R Squibb & Sons, Tai Yang, Kobe
MEAL—1,380 bgs, Bradley & Baker, Fort Amherst, Halifax
620 bgs, Bradley & Baker, Fort Townshend, Halifax
4,000 bgs, Mitsui & Co, Azumasan, Kobe
2,240 bgs, Consumers Import Co, Belfast, Kobe
2,000 bgs, Mitsubishi Shoji Kaisha, Belfast, Kobe
SOUNDS—22 cs, 6 bls, Fulton Freight & Forwarding Co, Lara, Maracaibo
FLAXSEED—5,065,000 kilos, 202,600 bus, Bunge North American Grain Co, Risanger, Necochea
2,127,504 kilos, 85,100 bus, Bunge North American Grain Co, Risanger, Bahia
10,282 bgs, 22,620 bus, Bunge North American Grain Co, Risanger, Bahia
5,900 bgs, 12,980 bus, L Dreyfus & Co, Silverpine, Bombay
6,245 tons, 249,800 bus, Archer, Daniels, Midland Co, Loch Ranzo, Rosario
1,828 tons, 73,120 bus, Archer, Daniels, Midland Co, Loch Ranzo, Buenos Aires
500 tons, 20,000 bus, L Dreyfus & Co, Western World, Buenos Aires
FLEASEED—175 bgs, Exochorda, Marseilles
20 bgs, 4,400 lbs, R J Prentiss & Co, Exochorda, Marseilles
67 bgs, Peek & Velsor, President Van Buren, Bombay
169 bgs, President Van Buren, Bombay
FLORAL WATER—18 cs, President Van Buren, Marseilles
FLUORSPAR—1,005,840 lbs, W H Muller & Co, Deutschland, Hamburg
FULLER'S EARTH—800 bgs, 176,000 lbs, L A Salomon & Bros, Sea Glory, Bristol
400 bgs, L A Salomon & Bros, American Merchant, London
GAMBIER—425 cs, E E Androvette, Raby Castle, Singapore
GELATIN—85 bgs, R D McLellan, Black Osprey, Rotterdam
1 cs, Dingelstedt & Co, Deutschland, Hamburg
15 dms, 10 kegs, 17 bbls, R D McLellan, Volendam, Rotterdam
GENTIAN ROOT—6 bls, Peek & Velsor, Vulcania, Dubrovnik
GINGERINE—4 cs, Orbis Product Trading Co, Queen Mary, Southampton
GLASS, PLATE—58 cs, Globe Shipping Co, Deutschland, Hamburg
WINDOW—2,307 cs, Vitrea & Co, City of Hamburg, Hamburg
1,236 cs, Vitrea & Co, Manhattan, Hamburg
12 cs, Semon, Bache & Co, Manhattan, Hamburg
4 cs, Globe Shipping Co, Manhattan, Hamburg
3 cs, Perry, Ryer & Co, Deutschland, Hamburg
11 cs, Leo Popper & Sons, Lancastria, Liverpool
GLUE—507 bgs, Vulcania, Trieste
200 bgs, L H Lang & G Van Gelder, Spaarndam, Rotterdam
225 bgs, Dingelstedt & Co, Deutschland, Bremen
100 bgs, Rex & Reynolds, President Van Buren, Marseilles
196 bgs, American Merchant, London
200 bgs, Gallagher & Ascher, American Merchant, London
BONE—400 bgs, Vulcania, Trieste
HIDE—200 bgs, Vulcania, Trieste
POWD—70 cks, Rex & Reynolds, Exochorda, Marseilles
GLYCERIN—88 dms, Spaarndam, Rotterdam
364 dms, Amtorg Trading Corp, Chelyuskinets, Leningrad
39 dms, Lo Curto & Funk, American Merchant, London
1 Tank Car, Colgate-Palmolive-Peet Co, Seatrain N Y, Havana
GRAPHITE—10 cs, Hensel, Bruckmann & Lorbacher, Deutschland, Hamburg
641 bgs, City of Ripon, Colombo
782 bgs, J F Starkey & Co, Mahronda, Colombo
316 bgs, C E Pettinos, Mahronda, Colombo

GRAPHITE—300 bgs, Silverpine, Colombo
333 bgs, Asbury Graphite Mills, President Van Buren, Colombo
GREASE—1 bbl, Soya Corp of America, Manhattan, Hamburg
60 bbls, Robinson, Wagner Co, Belfast, Kobe
GUM—5 bgs, Gallagher & Ascher, Spaarndam, Rotterdam
ARABIC—500 bgs, H Heide, Mahronda, Port Sudan
400 bgs, S B Penick & Co, Mahronda, Port Sudan
150 bgs, T M Duche & Sons, Mahronda, Port Sudan
150 bgs, Innis, Speiden & Co, Mahronda, Port Sudan
150 bgs, France, Campbell & Darling, Mahronda, Port Sudan
BENZOIN—3 cs, Volendam, Rotterdam
CAROB BEAN—75 pkgs, 17,501 lbs, T M Duche & Sons, Exochorda, Leghorn
40 bgs, 8,940 lbs, Exochorda, Leghorn
COPAL—25 cs, Gillespie-Rogers-Pyatt Co, Javanese Prince, Singapore
25 cs, American Cyanamid & Chem Co, Javanese Prince, Singapore
25 cs, Stroock & Wittenberg, Javanese Prince, Singapore
221 bskts, Mitsui & Co, Javanese Prince, Macassar
37 bskts, American Cyanamid & Chem Co, Javanese Prince, Macassar
311 bskts, G W S Patterson & Co, Javanese Prince, Macassar
501 bskts, France, Campbell & Darling, Javanese Prince, Macassar
282 bskts, Stroock & Wittenberg, Javanese Prince, Macassar
106 bskts, S Winterbourne & Co, Javanese Prince, Macassar
210 bgs, Manufacturers Trust Co, Silverpine, Singapore
64 bgs, S Winterbourne & Co, President Van Buren, Singapore
DAMMAR—50 cs, Manufacturers Trust Co, Raby Castle, Singapore
70 bgs, G W S Patterson & Co, Raby Castle, Singapore
70 bgs, Stroock & Wittenberg, Raby Castle, Singapore
210 bgs, O G Innes Corp, Raby Castle, Singapore
210 bgs, France, Campbell & Darling, Raby Castle, Singapore
50 cs, 70 bgs, Manufacturers Trust Co, Javanese Prince, Singapore
25 cs, 70 bgs, Gillespie-Rogers-Pyatt Co, Javanese Prince, Singapore
400 bgs, American Cyanamid & Chem Co, Javanese Prince, Singapore
75 bgs, Stroock & Wittenberg, Javanese Prince, Singapore
280 bgs, O G Innes Corp, Javanese Prince, Singapore
175 cs, Chase Natl Bank, Javanese Prince, Batavia
100 cs, Manufacturers Trust Co, Javanese Prince, Batavia
100 cs, Gillespie-Rogers-Pyatt Co, Javanese Prince, Batavia
250 cs, 50 bgs, Stroock & Wittenberg, Javanese Prince, Batavia
127 bgs, S Winterbourne & Co, Javanese Prince, Macassar
25 cs, Manufacturers Trust Co, Silverpine, Singapore
25 cs, Gillespie-Rogers-Pyatt Co, Silverpine, Singapore
560 bgs, 50 cs, American Cyanamid & Chem Co, Silverpine, Singapore
210 bgs, O G Innes Corp, Silverpine, Singapore
70 bgs, France, Campbell & Darling, Silverpine, Singapore
70 bgs, 25 cs, Chase Natl Bank, President Van Buren, Singapore
210 bgs, Gillespie-Rogers-Pyatt Co, President Van Buren, Singapore
100 cs, S Winterbourne & Co, President Van Buren, Singapore
GHATTI—34 bgs, Innis, Speiden & Co, President Van Buren, Bombay
34 bgs, President Van Buren, Bombay
INSOLUBLE—300 bgs, President Van Buren, Bombay
KARAYA—127 bgs, Manhattan, Hamburg
230 bgs, Frank Vliet Co, President Van Buren, Bombay
134 bgs, Orbis Product Trading Co, President Van Buren, Bombay
110 bgs, President Van Buren, Bombay
192 bgs, Paul A Dunkel & Co, President Van Buren, Bombay
MASTIC—10 dms, S B Penick & Co, President Van Buren, Port Said
STORAX—25 cs, Vulcania, Trieste
TRAGACANTH—73 cs, 16,104 lbs, E Meer & Co, Exochorda, Beyrouth
21 bgs, 3,352 lbs, Paul A Dunkel & Co, Exochorda, Marseilles
22 cs, 3 bgs, President Van Buren, Bombay
14 bgs, 10 cs, Frank Vliet Co, American Merchant, London
15 bgs, American Merchant, London
GYPSUM—720 bgs, 39,000 lbs, Stanley Doggett, Deutschland, Bremen
6,000 tons, U S Gypsum Co, Gypsum Empress, Windsor

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GYPSUM—4 cks, P H Petry & Co, American Merchant, London
HENNA LEAVES—100 bgs, Guaranty Trust Co, City of Ripon, Suez
105 bgs, President Van Buren, Alexandria
HERBS, MEDICINAL—41 bls, S B Penick & Co, Vulcania, Trieste
16 bls, Peek & Velsor, Vulcania, Trieste
110 bls, S B Penick & Co, Aakre, Alicante
12 bls, S B Penick & Co, Deutschland, Hamburg
126 bls, S B Penick & Co, Volendam, Rotterdam
HOPS—602 bls, S S Steiner, City of Hamburg, Hamburg
162 bls, R F Downing & Co, City of Hamburg, Hamburg
20 bls, Ludwig Baer, Black Osprey, Rotterdam
20 bls, Globe Shipping Co, Manhattan, Hamburg
125 bls, S S Steiner, Manhattan, Hamburg
50 bls, Heemsoth, Pinckes & Kerner, Manhattan, Hamburg
25 bls, J Sonnenschein Hop Co, Manhattan, Hamburg
30 bls, Otto Seidenberg, Deutschland, Hamburg
15 bls, Deutschland, Hamburg
16 bls, Atlantic Forwarding Co, Deutschland, Hamburg
24 bls, Bode & Voigt, Deutschland, Hamburg
35 bls, W J Honan, Deutschland, Hamburg
15 bls, Globe Shipping Co, Deutschland, Hamburg
127 bls, Manhattan Overseas Co, Batery, Gdynia
66 bls, Ludwig Baer, Volendam, Rotterdam
INDIGO—5 dms, 1 ck, General Dyestuff Corp, Spaarndam, Rotterdam
INFUSORIAL EARTH—296 bgs, Whittaker, Clark & Daniels, Aakre, Alicante
IRISH MOSS—20 bls, 2,200 lbs, Peek & Velsor, Schodack, Havre
50 bls, Innis, Speiden & Co, Champlain, Havre
255 bls, Champlain, Havre
IRON, OXIDE—20 cks, Stanley Doggett, Spaarndam, Rotterdam
107 cks, Reichard-Coulston, Deutschland, Bremen
275 cks, 444 bgs, C J Osborn & Co, Deutschland, Bremen
2 cs, Scott L Libby Corp, Volendam, Rotterdam
45 bgs, 8 cks, C J Osborn & Co, Lancastria, Liverpool
5 cks, Stanley Doggett, Lancastria, Liverpool
30 kegs, J H Rhodes & Co, Lancastria, Liverpool
JALAP ROOT—58 bls, Yucatan, Vera Cruz
JUNIPER ROOT—84 bgs, 11,088 lbs, Aakre, Leghorn
30 bgs, 3,960 lbs, Aakre, Leghorn
30 bgs, 3,960 lbs, Knickerbocker Mills Co, Aakre, Leghorn
524 bgs, 59,400 lbs, S B Penick & Co, Aakre, Leghorn
140 bgs, 23,386 lbs, S B Penick & Co, Deutschland, Hamburg
KAMALA—100 bgs, 11,536 lbs, S B Penick & Co, Silverpine, Karachi
90 bgs, President Van Buren, Bombay
LAVENDER FLOWERS—9 bls, 900 lbs, J L Hopkins & Co, Exochorda, Marseilles
LEAVES, MEDICINAL—36 bls, 4,096 lbs, Exochorda, Marseilles
18 bls, President Van Buren, Marseilles
LICORICE MASS—150 cs, Marcel Blank, Manhattan, Hamburg
POWDERED—134 bgs, 17,688 lbs, Amtorg Trading Corp, Chelyuskinets, Leningrad
LITHOPONE—3 cks, Hensel, Bruckmann & Lorbacher, Spaarndam, Rotterdam
LITMUS—3 cks, Merck & Co, Volendam, Rotterdam
LYCOPODIUM—9 cs, Volendam, Rotterdam
MACE—16 cs, Spaarndam, Rotterdam
22 cs, Black Osprey, Rotterdam
40 cs, H P Winter & Co, Javanese Prince, Amboina
MANDIOCA ROOT—3 bgs, Superintendence Co, Southern Prince, Buenos Aires
MARJORAM LEAVES—40 bls, 4,470 lbs, A C Remper, Deutschland, Hamburg
20 bls, 2,235 lbs, Halperin & Guido Co, Deutschland, Hamburg
MATCHES, SAFETY—5 cs, 5,896 lbs, Phoenix Shipping Co, Schodack, Havre
250 cs, Landgrei & Co, Argosy, Helsingfors
MATE—15 bls, 6 cs, Peter Esteve, Southern Prince, Buenos Aires
MEDICINAL PREPS—75 cs, Spaarndam, Rotterdam
16 cs, J Personeni, Exochorda, Leghorn
16 cs, J Personeni, President Van Buren, Genoa
11 cs, Burroughs, Wellcome & Co, American Merchant, London
MANGROVE BARK—2,000 bgs, Silverpine, Singapore
EXTRACT—3,311 bgs, Philippine Cutch Corp, President Van Buren, Manila
MENTHOL—25 cs, C L Huisking & Co, Azumasan, Kobe
3 cs, Allendon S A, Deutschland, Hamburg
10 cs, Orbis Product Trading Co, Tai Yang, Kobe
SYN—200 cs, Theo Seltzer, Champlain, Havre
MICA—245 cs, Manhattan, Hamburg
120 cs, City of Ripon, Calcutta
68 cs, Philadelphia Natl Bank, Mahronda, Calcutta
47 cs, Mahronda, Calcutta
11 cs, A J Bracher & Co, American Merchant, London
3 cs, American Merchant, London
BLOCK—35 cs, Globe Shipping Co, City of Ripon, Calcutta
11 cs, Gillespie, Rogers, Pyatt Co, City of Ripon, Calcutta
51 cs, City of Ripon, Calcutta
20 cs, A J Bracher & Co, Mahronda, Calcutta
DISC—6 cs, Gillespie, Rogers, Pyatt Co, City of Ripon, Calcutta
12 cs, City of Ripon, Calcutta
FILM—1 cs, Gillespie, Rogers Pyatt Co, City of Ripon, Calcutta
20 cs, City of Ripon, Calcutta
5 cs, Mahronda, Calcutta
SPLITTINGS—68 cs, Gillespie, Rogers, Pyatt Co, City of Ripon, Calcutta
10 cs, City of Ripon, Calcutta
15 cs, General Electric Co, Mahronda, Calcutta

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J. B. GRUMAN CO.
St. Francis, Komorn and Maine Sts.
Est. 1854 NEWARK, N.J.

MICA SPLITTINGS—75 cs, Gillespie, Rogers, Pyatt Co, Mahronda, Calcutta
102 cs, Mahronda, Calcutta
MILK, POWD—200 bgs, 100 cs, 110 bbls, Spaarndam, Rotterdam
200 bgs, Black Osprey, Rotterdam
495 bbls, 1,060 bgs, Volendam, Rotterdam
MOLASSES—503,000 kilos, W R Grace & Co, Santa Barbara, Supe
MOWRAH MEAL—500 pockets, Silverpine, Bombay
MUSTARD SEED—300 bgs, 66,000 lbs, Catz American Co, Black Osprey, Rotterdam
250 bgs, R F Downing & Co, American Merchant, London
150 bgs, Catz American Co, Volendam, Rotterdam
50 bgs, I Harrison & Whitney, Volendam, Rotterdam
MYROBALANS—12,058 bgs, National City Bank, Mahronda, Calcutta
3,200 bgs, Hammond & Carpenter, Silverpine, Bombay
NAPHTHALENE—2,185 bgs, Amtorg Trading Corp, Chelyuskinets, Leningrad
214 bgs, J E Bernard & Co, Black Osprey, Rotterdam
1,072 bgs, Calco Chem Co, Sagadahoc, Durban
NIGER SEED—134 bgs, Barber S S Co, American Merchant, London
NUTMEGS—25 cs, Van Loan & Co, President Van Buren, Singapore
63 cs, Joensson Import Co, Volendam, Rotterdam
OCHER—91 cks, 55,319 lbs, Reichard, Coulston, Exochorda, Marseilles
30 cks, 19,080 lbs, Scott L Libby Corp, Exochorda, Marseilles
25 cks, 14,718 lbs, Wishnick-Tumpeer, Exochorda, Marseilles
300 bgs, C K Williams & Co, Sagadahoc, Capetown
OIL, ALMOND—10 cs, Albert Verley, Exochorda, Marseilles
2 dms, Lo Curto & Funk, Exochorda, Marseilles
3 dms, Exochorda, Marseilles
ANISE—3 dms, W J Bush & Co, Tai Yang, Hongkong
BAY—5 cs, Nerissa, Dominica
CHINAWOOD—275 tons, S L Jones & Co, President Taft, Shanghai
CINNAMON LEAF—2 dms, Mahronda, Colombo
24 dms, R C Treatt & Co, American Merchant, London
CITRONELLA—20 dms, Geo Uhe Co, Raby Castle, Batavia
24 dms, Raby Castle, Batavia
COCONUT—956 tons, Philippine Refg Corp, Azumasan, Manila
897 tons, Philippine Refg Corp, Javanese Prince, Cebu
400 tons, Javanese Prince, Manila
710 tons, Spencer Kellogg & Sons, Tai Yang, Manila
462 tons, Philippine Refg Corp, Tai Yang, Manila
COD—308 dms, J D Irwin & Co, City of Hamburg, Hamburg
200 dms, City of Hamburg, Hamburg
150 dms, T Pergament & Co, Manhattan, Hamburg
342 dms, J D Irwin & Co, Deutschland, Hamburg
CODLIVER—5 dms, Blackman & Blackman, Manhattan, Hamburg
50 dms, Manhattan, Hamburg
200 dms, McKesson & Robbins, Deutschland, Hamburg
CORN—250 dms, Corn Product Refining Co, City of Hamburg, Hamburg
57 dms, Sea Glory, Bristol
250 dms, Corn Product Refining Co, Deutschland, Hamburg
750 dms, Corn Product Refining Co, Deutschland, Hamburg
50 dms, American Merchant, London
CROTON—2 cs, 297 lbs, Deutschland, Hamburg
ESSENTIAL—14 pkgs, Aakre, Alicante
11 cs, Spaarndam, Rotterdam
11 dms, 45 dms, Exochorda, Marseilles
14 cs, Manhattan, Hamburg
1 cs, Deutschland, Hamburg
14 dms, 61 cs, President Van Buren, Marseilles
27 cs, Volendam, Rotterdam
70 cs, Champlain, Havre
FENNEL—2 cs, Amtorg Trading Corp, Chelyuskinets, Leningrad
FUEL—52,858 bbls, Asiatic Petroleum Corp, San Roberto, Port Mexico
114,000 bbls, Standard Oil Co of N J, D L Harper, Aruba
GERANIUM—1 dm, Geo Silver Import Co, Exochorda, Marseilles
1 dm, L A Champon, Exochorda, Marseilles
HO—36 dms, Eric Coupey, Azumasan, Kobe
INDUSTRIAL—50 dms, Wedeman Godknecht, Inc, Aakre, Genoa
LAVENDER—11 dms, 2 cs, Albert Verley, Exochorda, Marseilles
4 dms, Dodge & Olcott Co, Exochorda, Marseilles
8 dms, Chase Natl Bank, Exochorda, Marseilles
LEMONGRASS—5 dms, Dodge & Olcott Co, President Van Buren, Bombay
LIME—1 cs, T A Hedley, Nerissa, Montserrat
LINSEED—25 dms, Spaarndam, Rotterdam
LUBRICATING—6 dms, Asiatic Petroleum Corp, San Roberto, Puerto Mexico
MINERAL—403 dms, Heemsoth, Pinckes & Kerner, Deutschland, Hamburg
100 dms, Deutschland, Hamburg
MOWRAH—2 dms, Warwick Chem Works, Silverpine, Bombay
OLIVE—160 cs, Vulcania, Palermo
315 cs, Aakre, Leghorn
1,577 cs, Aakre, Leghorn
15 dms, Moosalina Food Prod Co, Aakre, Leghorn
15 dms, A Carrao, Aakre, Leghorn
1,005 cs, 110 bbls, 332 dms, Aakre, Lisbon
15 dms, A Germano & Sons, Exochorda, Leghorn
1,487 cs, Exochorda, Leghorn
175 dms, Exochorda, Marseilles
50 dms, R W Delapenha Co, Exochorda, Marseilles
270 cs, Exochorda, Marseilles
100 dms, Smith Weihman Co, President Van Buren, Alexandria
25 dms, Banca Coml Italian Trust Co, President Van Buren, Marseilles
50 dms, President Van Buren, Marseilles
25 dms, 1,173 cs, President Van Buren, Genoa
370 cs, Conte di Savoia, Genoa
ORANGE—20 cs, Magnus, Mabee & Reynard, Colombia, Kingston
ORIGANUM—8 dms, Lo Curto & Funk, Exochorda, Beyrouth
PALM—12 cks, Balfour, Guthrie & Co, Volendam, Rotterdam
14 dms, I R Boody & Co, Volendam, Rotterdam
PALM KERNEL—35 dms, I R Boody & Co, Spaarndam, Rotterdam
25 dms, I R Boody & Co, Volendam, Rotterdam
PATCHOULI—10 cs, Silverpine, Singapore
25 dms, I R Boody & Co, Volendam, Rotterdam
PEANUT—538 tons, Procter & Gamble Co, Spaarndam, Rotterdam
PETITGRAIN—50 cs, Chase National Bank, Western World, Montevideo
OIL, RESIDUE—65 dms, 1 cs, Manhattan, Hamburg
ROSEMARY—1 bbl, Vulcania, Dubrovnik
SAGE—5 cs, 6 cks, Dodge & Olcott Co, Vulcania, Trieste
1 cs, Charles Fishbeck Co, Vulcania, Trieste
SASSAFRAS—23 dms, McKesson & Robbins, Belfast, Kobe
SESAME—50 dms, Spaarndam, Rotterdam
30 dms, Haas Bros, Spaarndam, Rotterdam
25 dms, W C Littauer, Manhattan, Hamburg
5 dms, La Manna Azema & Farman, Deutschland, Hamburg
50 dms, Haas Bros, Volendam, Rotterdam
TEASEED—50 dms, Arnhold & Co, Tai Yang, Shanghai
VEGETABLE—26 dms, I R Boody & Co, Volendam, Rotterdam
VETIVER—7 dms, G Uhe Co, Javanese Prince, Batavia
WHALE—4,014 tons, American Whaling Co, Thorshov, Liverpool
YLANG YLANG—1 dm, 121 lbs, Givaudan-Delawanna, Exochorda, Marseilles
11 dms, 4,318 lbs, Guaranty Trust Co, Exochorda, Marseilles
6 dms, 2,849 lbs, Continental Bank Trust Co, Exochorda, Marseilles
OPIUM—2 cs, Sharp & Dohme, American Merchant, London
ORANGE PEEL—72 bls, J L Hopkins & Co, Vulcania, Trieste
ORRISROOT—14 bgs, 2,200 lbs, Dodge & Olcott Co, Aakre, Leghorn
78 bgs, 10,890 lbs, R J Prentiss & Co, Aakre, Leghorn
67 bgs, 11,055 lbs, W J Bush & Co, Aakre, Leghorn
134 bgs, 22,110 lbs, S B Penick & Co, Aakre, Leghorn
PAPAIN—40 cs, S B Penick & Co, Mahronda, Colombo
10 cs, Dodwell & Co, Silverpine, Colombo
PAPRIKA—20 bgs, Central Hanover Bank Trust Co, City of Hamburg, Hamburg
25 bgs, City of Hamburg, Hamburg
800 bgs, R F Downing & Co, Aakre, Alicante
100 bgs, B H Old & Co, Aakre, Alicante
35 bgs, G W Sheldon & Co, Aakre, Alicante
50 bgs, D C Andrews & Co, Aakre, Alicante
100 bgs, Knickerbocker Mills Co, Aakre, Alicante
50 bgs, Levy & Levis Co, Aakre, Alicante
225 bgs, Briones & Co, Aakre, Alicante
440 cs, 901 bgs, Aakre, Alicante
125 bgs, Berthold, Schlee, Manhattan, Hamburg
PARAFFIN—1,016 bgs, Standard Oil Co of N J, Raby Castle, Palembang
2,541 bgs, Standard Oil Co of N J, Javanese Prince, Batavia
PATCHOULI LEAVES—78 bls, Raby Castle, Penang
78 bls, W J Bush & Co, Javanese Prince, Penang
PEATMOSS—1,600 bls, City of Hamburg, Hamburg
1,546 bls, Premier Peatmoss Co, Spaarndam, Rotterdam
1,000 bls, Amtorg Trading Corp, Chelyuskinets, Leningrad
18 bls, Copex Co, Black Osprey, Rotterdam
1,346 bls, Premier Peatmoss Corp, Volendam, Rotterdam
600 bls, Half Moon Mfg & Trading Co, Volendam, Rotterdam
PEPPER, BLACK—3,888 bgs, B H Old & Co, Raby Castle, Oosthaven
405 bgs, C T Wilson & Co, Raby Castle, Oosthaven
243 bgs, Grace Natl Bank, Raby Castle, Oosthaven
1,701 bgs, Raby Castle, Oosthaven
2,488 bgs, Catz American Co, Javanese Prince, Oosthaven
655 bgs, Catz American Co, Javanese Prince, Batavia
3,645 bgs, Javanese Prince, Oosthaven
243 bgs, Javanese Prince, Batavia
PETROLEUM, CRUDE—84,026 bbls, Warner Quinlan Co, Alexandra Hoegh, Las Piedras
88,019 bbls, Gulf Oil Corp, Gulfwax, Las Piedras
PIMENTO—100 bgs, Magnus, Mabee & Reynard, Colombia, Kingston
110 bgs, Bank of Nova Scotia, Iriona, Kingston
POPPYSEED—100 bgs, 11,000 lbs, Catz American Co, Spaarndam, Rotterdam
100 bgs, 11,000 lbs, R L Friedler, Spaarndam, Rotterdam
50 bgs, 5,500 lbs, L Ender, Spaarndam, Rotterdam
100 bgs, 11,000 lbs, H Schoenfeld & Co, Spaarndam, Rotterdam
100 bgs, 11,000 lbs, Durkee Famous Foods, Black Osprey, Rotterdam
100 bgs, 11,000 lbs, Deutschland, Hamburg
350 bgs, 38,500 lbs, J Loewith, Batory, Gdynia
100 bgs, 11,000 lbs, C M Van Sillevoldt, Argosy, Gdynia
100 bgs, 11,000 lbs, Knickerbocker Mills Co, Argosy, Gdynia
600 bgs, 66,000 lbs, Levy & Levis Co, Argosy, Gdynia
100 bgs, 11,000 lbs, Habicht, Braun & Co, Argosy, Gdynia
300 bgs, 33,000 lbs, A G Dunn, Argosy, Gdynia
510 bgs, 56,100 lbs, Catz American Co, Volendam, Rotterdam
POTASH CARBONATE—32 cks, 24,015 lbs, Innis, Speiden & Co, Deutschland, Hamburg
CAUSTIC—105 dms, National Carloading Corp, City of Hamburg, Hamburg
85 dms, H A Gogarty, City of Hamburg, Hamburg
125 dms, American Cyanamid & Chem Co, Deutschland, Hamburg
CHLORATE—310 kgs, International Selling Corp, Schodack, Havre
OXALATE—7 cs, 1,674 lbs, Eugene Dietzgen Co, Deutschland, Bremen
PRUSSIATE—50 bbls, 6,177 lbs, American Cyanamid & Chem Co, Deutschland, Hamburg
SULPHATE—30 bbls, N V Potash Export My, Deutschland, Hamburg
PYRETHRUM FLOWERS—12 bls, S B Penick & Co, Vulcania, Trieste
1 bl, J L Hopkins & Co, Vulcania, Trieste
150 bls, McKesson & Robbins, Belfast, Kobe
100 bls, Sherwood Petroleum Co, Belfast, Kobe
75 bls, E E Marks & Co, Belfast, Kobe
QUEBRACHO EXTRACT—2,400 bgs, International Product Corp, Southern Prince, Buenos Aires
850 bgs, International Product Corp, Western World, Buenos Aires
QUICKSILVER—30 flks, Chase Natl Bank, Yucatan, Vera Cruz
100 flks, American Merchant, London
500 flks, Roura & Forgas, American Merchant, London
50 flks, Leghorn Trading Co, Conte di Savoia, Genoa
QUINDINE SULPHATE—10 cs, New York Quinine & Chem Works, Spaarndam, Rotterdam
RICE FLOUR—200 bgs, Standard Rice Co, Volendam, Rotterdam
ROOT, MEDICINAL—127 bgs, S B Penick & Co, Vulcania, Trieste
14 bgs, 4 bls, Peek & Velsor, Vulcania, Trieste

ROOT, MEDICINAL—100 bgs, 11,000 lbs, S B Penick & Co, Manhattan, Hamburg
4 bls, 316 lbs, J L Hopkins & Co, Deutschland, Hamburg
34 bgs, Deutschland, Hamburg
19 bls, S B Penick & Co, Deutschland, Hamburg
POWD—7 cks, Fritzsche Bros, Exochorda, Marseilles
SABADILLA SEED—100 bgs, Royal Bank of Canada, Lara, La Guayra
SAFFRON—4 cs, American Express Co, President Van Buren, Marseilles
SAGE LEAVES—25 bls, Eli Lilly & Co, Vulcania, Trieste
428 bls, Vulcania, Dubrovnik
SAGO FLOUR—735 bgs, Stein, Hall & Co, Raby Castle, Singapore
3,357 bgs, Raby Castle, Singapore
7 bgs, Mitsui & Co, Azumasan, Singapore
3,871 bgs, Stein, Hall & Co, Azumasan, Singapore
SALTCAKE—428 bgs, W R Grace & Co, Santa Barbara, Antofagasta
SANDALWOOD—64 bgs, Green Trading Co, President Van Buren, Bombay
SANTONIN, CRYSTAL—2 cs, 171 lbs, Amtorg Trading Corp, Chelyuskinets, Leningrad
POWDER—2 cs, 189 lbs, Amtorg Trading Corp, Chelyuskinets, Leningrad
SAPONIN—2 cs, 330 lbs, Rohner, Gehrig & Co, Deutschland, Bremen
SARDINE MEAL—3,360 bgs, National City Bank, Azumasan, Nagoya
5,500 bgs, Mitsubishi Shoji Kaisha, Tai Yang, Kobe
SAWDUST—703 bgs, State Chemical Co, Volendam, Rotterdam
SENNA LEAVES—50 bls, H W Henning & Son, President Van Buren, Colombo
SHELLAC—15 bgs, 20 cs, A Hurst & Co, Volendam, Rotterdam
10 cs, A Hurst & Co, Spaarndam, Rotterdam
100 bgs, 15 cs, A Hurst & Co, Deutschland, Hamburg
50 bgs, Argenti & Co, Deutschland, Hamburg
175 bgs, E J Cornelis, City of Ripon, Calcutta
300 bgs, City of Ripon, Calcutta
200 bgs, A Hurst & Co, City of Ripon, Calcutta
50 cs, France, Campbell & Darling, City of Ripon, Calcutta
150 bgs, 100 cs, E E Androvette, City of Ripon, Calcutta
100 bgs, Chase National Bank, City of Ripon, Calcutta
300 bgs, Argenti & Co, City of Ripon, Calcutta
59 bgs, Funch, Edye & Co, City of Ripon, Calcutta
400 bgs, MacLac Co, City of Ripon, Calcutta
125 bgs, Alfred Kramer & Co, City of Ripon, Calcutta
725 bgs, Wm Zinsser & Co, City of Ripon, Calcutta
100 bgs, Alfred Kramer & Co, Mahronda, Calcutta
100 bgs, Philadelphia National Bank, Mahronda, Calcutta
100 bgs, Guaranty Trust Co, Mahronda, Calcutta
400 bgs, 60 cs, E E Androvette, Mahronda, Calcutta
50 bgs, Wm Zinsser & Co, Mahronda, Calcutta
100 bgs, France, Campbell & Darling, Mahronda, Calcutta
BUTTON LAC—20 bgs, Wm Zinsser & Co, City of Ripon, Calcutta
SEEDLAC—100 bgs, A Helmrath, City of Ripon, Calcutta
600 bgs, MacLac Co, City of Ripon, Calcutta
200 bgs, City of Ripon, Calcutta
200 bgs, Schwab Bros, Mahronda, Calcutta
400 bgs, Wm Zinsser & Co, Mahronda, Calcutta
200 bgs, E J Cornelis, City of Ripon, Calcutta
200 bgs, Alfred Kramer & Co, Mahronda, Calcutta
100 bgs, E E Androvette, City of Ripon, Calcutta
SIENNA—65 cks, 24,103 lbs, C K Williams & Co, Aakre, Leghorn
150 bgs, 33,528 lbs, Reichard-Coulston, Aakre, Leghorn
5 cks, 3,445 lbs, Hensel, Bruckmann & Lorbacher, Aakre, Leghorn
15 cks, Charles Charcowsky, Spaarndam, Rotterdam
15 cks, 8,967 lbs, J H Furman, Exochorda, Leghorn
SOAP—725 cs, 160 cyls, Conti Prod Corp, Exochorda, Leghorn
12 cs, C A Redden, American Merchant, London
MILLINGS—45 cs, Yardley & Co, American Merchant, London
SADDLE—50 cs, Salomon & Phillip, American Merchant, London
TOILET—7 cs, R F Downing & Co, Queen Mary, Southampton
2 cs, Globe Shipping Co, American Merchant, London
1 cs, E Fougera & Co, American Merchant, London
5 cs, American Express Co, American Merchant, London
SODA, CYANIDE—400 dms, Philipp Bros, Tai Yang, Yokohama
22 dms, H H Rosenthal Co, Tai Yang, Yokohama
1,000 dms, American Cyanamid & Chem Co, Volendam, Rotterdam
660 cks, Charles Hardy, Champlain, Havre
FLUORIDE—25 bbls, Manhattan, Hamburg
HYDROSULPHITE — 70 dms, 16,632 lbs, Deutschland, Hamburg
18 dms, Deutschland, Hamburg
PRUSSIATE—74 bbls, American Cyanamid & Chem Co, Volendam, Rotterdam
300 cs, Chase Natl Bank, Belfast, Kobe
SILICOFLUORIDE—80 bbls, Hummel Chem Co, City of Hamburg, Hamburg
50 bgs, Jungmann & Co, City of Hamburg, Hamburg
SPONGES—26 bls, Jos Block, Oriente, Havana
18 bls, Yucatan, Havana
13 bls, Gulf West Indies Sponge Co, Iriona, Kingston
12 bls, Werckle Galgano, Champlain, Havre
SQUILL—25 bgs, 3,300 lbs, Allaire Woodward & Co, Aakre, Leghorn
STARCH, POTATO—500 bgs, Stein, Hall & Co, Spaarndam, Rotterdam
156 bgs, Spaarndam, Rotterdam
50 bgs, Arnold Hoffman & Co, Spaarndam, Rotterdam
160 bgs, Innis, Speiden & Co, Volendam, Rotterdam
RICE—25 bbls 5,830 lbs, Habicht, Braun & Co, Deutschland, Bremen
STEARIN PITCH — 200 bgs, 22,477 lbs, Deutschland, Hamburg
STEATITE—5 bbls, 2,835 lbs, M Kirchberger & Co, Exochorda, Leghorn
TALC—200 bgs, Charles Mathieu, Aakre, Genoa
300 bgs, Charles Mathieu, Leghorn
100 bgs, Belfast, Kobe
224 bgs, Soeldner, Heyman Co, Silverpine, Bombay
100 bgs, L A Salomon & Bros, President Van Buren, Marseilles
TAMARINDS—15 bbls, Nerissa, Antigua
10 cks, American Merchant, London
TANKAGE—750 bgs, Hollingshurst & Co, Argosy, Copenhagen
TAPIOCA FLOUR—761 bgs, H P Winter & Co, Spaarndam, Rotterdam
253 bgs, Chase Natl Bank, Spaarndam, Rotterdam
1,103 bgs, Chase Natl Bank, Raby Castle, Pasoeroean
551 bgs, Morningstar, Nicol, Raby Castle, Pasoeroean
500 bgs, Rutger, Bleecker & Co, Raby Castle, Cheribon
1,000 bgs, Stein, Hall & Co, Raby Castle, Batavia
1,500 bgs, Stein, Hall & Co, Raby Castle, Tjilatjap
501 bgs, H P Winter & Co, Javanese Prince, Batavia
550 bgs, Stein, Hall & Co, Javanese Prince, Batavia
750 bgs, Java American Export Co, Javanese Prince, Batavia
263 bgs, Chase Natl Bank, Javanese Prince, Batavia
500 bgs, J Lowe Corp, Javanese Prince, Batavia
1,650 bgs, Stein, Hall & Co, Javanese Prince, Cheribon
250 bgs, H P Winter & Co, Javanese Prince, Cheribon
250 bgs, Rutger, Bleecker & Co, Javanese Prince, Cheribon
250 bgs, Java American Export Co, Javanese Prince, Cheribon
283 bgs, Javanese Prince, Semarang
PEARL—357 bgs, Raby Castle, Penang
TEAWASTE—1,257 bgs, Citro Chem Co, City of Ripon, Calcutta
757 bgs, Citro Chem Co, American Merchant, London
THYME LEAVES—46 bgs, 4,551 lbs, Lo Curto & Funk, Aakre, Alicante
TOILET PREPS—8 cs, Lancastria, Liverpool
TOLU BALSAM—11 cs, Eggers & Heinlein, Colombia, Puerto Colombia
TONKA BEANS—135 cks, Machado & Co, Nerissa, Trinidad
TUNGSTEN ORE—2,240 bgs, Wah Chang Trading Corp, President Taft, Shanghai
TURMERIC FINGERS—341 bgs, Volkart Bros, Silverpine, Colombo
UMBER—1,208 bgs, 288,000 lbs, J Lee Smith & Co, Exochorda, Alexandria
31 cks, 4 tons, 2 cwts 2 qtrs, T H Deutz, City of Ripon, Port Said
40 cks, 5 tons, 7 cwts, Adelphi Paint & Color Works, City of Ripon, Port Said
10 cks, 1 ton, 7 cwts, 1 qtr, Stanley-Doggett, Mahronda, Port Said
UREA—1,400 bgs, 143,006 lbs, Synthetic Nitrogen Prod Corp, Black Osprey, Rotterdam
UVA URSI—69 bgs, Lo Curto & Funk, Aakre, Alicante
69 bgs, Peek & Velsor, Aakre, Alicante
90 bgs, Aakre, Alicante
VANILLA BEANS—11 cs, 1,544 lbs, J Manheimer, Exochorda, Marseilles
74 cs, Marine Midland Trust Co, Exochorda, Marseilles
21 cs, Exochorda, Marseilles
7 cs, Dammann & Smeltzer, Exochorda, Marseilles
10 cs, Javanese Prince, Semarang
28 cs, Thurston & Braidich, President Van Buren, Marseilles
31 cs, President Van Buren, Marseilles
25 cs, F Huber & Co, Yucatan, Vera Cruz
12 cs, M Cortizas Co, Yucatan, Vera Cruz
24 cs, Champlain, Havre
CUTS—4 cs, F Huber & Co, Yucatan, Vera Cruz
27 cs, M Cortizas Co, Yucatan, Vera Cruz
VARNISH—1 bskt, 1 cs, Richard Shipping Corp, Deutschland, Hamburg
WATER MINERAL—300 cs, American Agency of French Vichy, Manhattan, Hamburg
900 cs, Rohner, Gehrig & Co, Volendam, Rotterdam
WATTLE BARK—2,112 bls, Sagadahoc, Durban
EXTRACT—561 bls, Sagadahoc, Durban
WAX, BEES—97 bls, Innis, Speiden & Co, Aakre, Lisbon
49 bls, Wm M Allison & Co, Aakre, Lisbon
50 bls, Aakre, Lisbon
93 bls, Aakre, Lisbon
94 bowls, Strohmeyer & Arpe Co, Aakre, Lisbon
47 bowls, Strahl & Pitsch, Aakre, Lisbon
75 pkgs, MacMillar Candle Co, Exochorda, Alexandria
32 bgs, 4 pkgs, Exochorda, Alexandria
15 bgs, Porcella, Vicini & Co, Oriente, Havana
12 bgs, Lenape Trading Co, Oriente, Havana
18 bls, Wm M Allison & Co, City of Ripon, Suez
4 seroons, Royal Bank of Canada, Cherokee, Puerto Plata
4 bgs, Yucatan, Vera Cruz
20 bgs, Mecke & Co, Luna, Azua
100 bgs, D Steengrafe, Western World, Santos
CARNAUBA—72 bgs, Strahl & Pitsch, Coldbrook, Bahia
MINERAL—2 bgs, General Dyestuff Corp, Spaarndam, Rotterdam
MONTAN—80 bgs, General Dyestuff Corp, Spaarndam, Rotterdam
435 bgs, Strohmeyer & Arpe Co, Deutschland, Hamburg
OZOKERITE—6 bgs, Strahl & Pitsch, Vulcania, Trieste
60 bgs, Vulcania, Trieste
30 cs, Manhattan, Hamburg
30 cs, Robt M Dick, Manhattan, Hamburg
54 bgs, C B Chrystal & Co, Deutschland, Hamburg
VEGETABLE—350 cs, H H Rosenthal & Co, Azumasan, Kobe
50 cs, Wellers, Engel & Co, Azumasan, Kobe
200 cs, Strohmeyer & Arpe Co, Azumasan, Kobe
350 cs, Mitsui & Co, Azumasan, Kobe
100 cs, Paul A Dunkel & Co, Azumasan, Kobe
YELLOW, DOCK ROOT—5 bgs, J L Hopkins & Co, Vulcania, Trieste
YEAST—115 bbls, Vulkan Yeast Co, Deutschland, Hamburg
10 kgs, Deutschland, Hamburg
1 cs, P H Petry & Co, Deutschland, Hamburg
ZINC OXIDE—150 bbls, 40,260 lbs, American Cyanamid & Chem Co, Exochorda, Marseilles
30 bbls, 8,053 lbs, Reichard-Coulston, Exochorda, Marseilles
6 cs, Yardley & Co, American Merchant, London

New York Transit Imports

BRISTLES—50 cs, H Rosenhirsch Co, Tai Yang, Shanghai, Providence
CHEMICALS—34 kgs, Christman Supply Co, Volendam, Rotterdam, Fayetteville
JALAP ROOT—69 bls, Yucatan, Vera Cruz, Detroit
MENTHOL—50 cs, McKesson & Robbins, Belfast, Kobe, Bridgeport
MUSTARD SEED—150 bgs, Frank Tea & Spice Co, Volendam, Rotterdam Cincinnati
OIL, CITRONELLA—8 dms, A H Todd Co, Javanese Prince, Batavia, Kalamazoo
SPONGES—22 bls, Santa Elena, Havana, Marseilles
29 bls, Santa Elena, Havana, Havre
45 bls, Santa Elena, Havana, Rotterdam
32 bls, Yucatan, Havana, Paris

Baltimore Imports

ALUMINUM POWDER—5 cs, Trans Seas Shipping Co, City of Hamburg, Hamburg
BONEMEAL—1,644 bgs, Giulia, Fiume
BRONZE POWDER—3 cs, Trans Seas Shipping Co, City of Hamburg, Hamburg
CHEMICALS—550 cks, Beemsterdijk, Rotterdam
CHROME ORE—5,700 tons, Coulmore, Fethive
CLAY—450 bgs, City of Hamburg, Hamburg
COLOR, EARTH—10 cks, Beemsterdijk, Rotterdam
FERROMANGANESE—251 tons, Beemsterdijk, Rotterdam
300 cs, Hokuroku, Tokyo
IRON ORE—3,802 tons, Bethlehem Steel Co, Ward, Whyalla
11,500 tons, Bethlehem Steel Co, Firmore, Daiquiri
21,500 tons, Bethlehem Steel Co, Lebore, Cruz Grande
PYRITES—5,200 tons, Blairbeg, Setubal
MAGNESITE—34,668 bgs, General Refractories Co, Giulia, Trieste
MANGANESE METAL—60 bbls, International Selling Co, City of Hamburg, Havre
ORE—1,500 tons, Carnegie Steel Co, Irisbank, Calcutta
8,400 tons, Amtorg Trading Corp, Tilthorn, Poti
4,050 tons, Amtorg Trading Corp, Monstella, Poti
8,270 tons, Electro Metallurgical Co, Ullapool, Takoradi
5,000 tons, Maine, Calcutta
OIL, CODLIVER—16 bbls, 60 dms, City of Hamburg, Hamburg
MINERAL—10 dms, City of Hamburg, Hamburg
PAINT, EARTH DRY—313 bgs, E M & F Waldo, Giulia, Trieste
PETROLEUM, CRUDE—69,000 bbls, Mexican Petroleum Corp, Malmanger, Las Piedras
59,000 bbls, Standard Oil Co, N J, L J Drake, Caripito
SARDINE MEAL—4,740 bgs, Kongo, Kobe
4,000 bgs, Kongo, Nagoya

Boston Imports

ACID, CRESYLIC—100 dms, Chase National Bank, Spaarndam, Rotterdam
ALBUMEN, HEN EGG—56 cs, Joe Lowe Corp, Hokuroku, Tientsin
BONES, GLUE—822 tons, Swift & Co, Porta, Rosario
33,756 lbs, Swift & Co, Porta, Montevideo
CEMENT, RUBBER—15 cs, 992 lbs, Rice & Co, Argosy, Copenhagen
CHALK—500 bgs, 55,115 lbs, Black Gull, Antwerp
CHEMICALS—100 cks, Advance Solvents & Chemical Corp, Spaarndam, Rotterdam
78 dms, Spaarndam, Rotterdam
1,103 bgs, Stone & Downer, Spaarndam, Rotterdam
30 dms, Chemical Bank & Trust Co, Spaarndam, Rotterdam
50 dms, American Cyanamid & Chemical Corp, Spaarndam, Rotterdam
25 bbls, 11,960 lbs, African Metals Corp, Black Gull, Antwerp
50 cks, 27,339 lbs, Royal Bank of Canada, Black Gull, Antwerp
CLAY—40 cks, Adolphe Hurst & Co, Spaarndam, Rotterdam
COALTAR, DISTILLATE—20 dms, 4 tons, 15 cwts, 1 qtr, Merrimac Chemical Co, Lancastria, Liverpool
COLOR—3 cs, Quaker City, Liverpool
DRY—3 cs, American Express Co, Lancastria, Liverpool
COPPERAS—67 cks, 23,929 lbs; Innis, Speiden & Co, Black Gull, Antwerp
EARTH, RED—20 cks, Stanley Doggett, Spaarndam, Rotterdam
EMERY FILLET—2 cs, Quaker City, Liverpool
GLUE, HIDE, GROUND—100 bgs, Vulcania, Trieste
GLUESTOCK—31 bls, ntfy, E Butterworth & Co, Black Gull, Antwerp
FISH SCRAP—5 bxs, 5 bbls, J R Poole Co, Yarmouth, Yarmouth
2 bbls, R Ranagan, Yarmouth, Yarmouth
HIDE CUTTINGS—238 bgs, 17 tons, 16 cwts, 1 qtr, 21 lbs, Lancastria, Liverpool
GUM, ARABIC—50 bgs, 11,243 lbs, Bank of New York & Trust Co, Mahronda, Port Sudan
COPAL—67 bskts, Manufacturers' Trust Co, Javanese Prince, Macassar
HERBS, MEDICINAL—4 cs, 2,079 lbs, Black Gull, Antwerp
MICA SPLITTINGS—50 cs, City of Ripon, Calcutta
80 cs, National City Bank, Mahronda, Calcutta
MILK POWDER—200 bgs, Ward Dry Milk Co, Spaarndam, Rotterdam
100 bbls, Balfour, Guthrie & Co, Spaarndam, Rotterdam
MUSTARD SEED—224 bgs, Hokuroku, Tientsin
OIL, COD—9 csks, from Nova Scotia
CORN—54 dms, 11 tons, 4 cwt, 2 qr, 24 lbs, Lancastria, Liverpool
FUEL—22,000 bbls, Colonial Beacon Oil Co, Walter Jennings, Aruba
PEANUT—3 bbls, Lancastria, Liverpool
OSSEIN—3,700 bgs, 414,378 lbs, J O Whitten Co, Black Gull, Antwerp
PAINTS, ENAMEL—21 cs, Spaarndam, Rotterdam
PEATMOSS—682 bls, Premier Peatmoss Corp, Argosy, Copenhagen
911 bls, 264,398 lbs, Premier Peatmoss Corp, Argosy, Copenhagen
PETROLEUM, CRUDE—72,458 bbls, 10,954 tons, Colonial Beacon Oil Co, Walter Jennings, Las Piedras
POPPYSEED—100 bgs, 11,023 lbs, Boston Brokerage Co, Argosy, Gdynia
SAGO FLOUR—1,463 bgs, Arnold Hoffman & Co, Myrmidon, Singapore
SHELLAC—25 cs, Adolph Hurst & Co, Spaarndam, Rotterdam
25 bgs, Chase National Bank, City of Ripon, Calcutta
GARNETLAC—50 bgs, Grace National Bank, City of Ripon, Calcutta
100 bgs, Bank of the Manhattan Co, Mahronda, Calcutta
SODA COMPOUND—7 csks, Quaker City, Liverpool
7 csks, 3 tons, 3 cwt, 1 qr, 20 lbs, J P Marston Co, Quaker City, Liverpool
HYDROSULPHITE—50 kgs, 4 tons, 18 cwt, 2 qrs, 18 lbs, Philipp Bros, Inc, Lancastria, Liverpool
20 kegs, 1 ton, 2 cwt, 16 lbs, Lever Bros Co, Lancastria, Liverpool
STARCH, CHEMICALLY TREATED—500 bgs, Spaarndam, Rotterdam
POTATO—250 bgs, Spaarndam, Rotterdam
250 bgs, Arnold Hoffman Co, Spaarndam, Rotterdam
TANNING EXTRACT—20 cs, 5 tons, 4 cwt, 2 qr, Lancastria, Liverpool
TAPIOCA FLOUR—750 bgs, Arnold Hoffman & Co, Javanese Prince, Batavia
TAPIOCA FLOUR—1,095 bgs, Balfour, Guthrie & Co, Javanese Prince, Pamanoekan
750 bgs, Arnold Hoffman & Co, Javanese Prince, Cheribon
250 bgs, Javanese Prince, Cheribon
532 bgs, Guaranty Trust Co, Javanese Prince, Sourabaya
WATER, MINERAL—60 cs, Stone & Downer, Spaarndam, Rotterdam
WHITING—500 bgs, 55,115 lbs, Manufacturers' Trust Co, Black Gull, Antwerp
ZINC, CHLORIDE—20 cylndrs, 11,464 lbs, Philipp Bros, Black Gull, Antwerp

Galveston Imports

COCONUTS—600 bgs, Argual, Puerto Castilla

Gloucester Imports

OIL, COD—900 gls, from Quebec

Houston Imports

ACID, CRESYLIC—80 dms, Cripple Creek, Manchester
AMMONIA, SULPHATE—453,593 kilos, Edam, Rotterdam
MEAL, LEATHER—1,016 bgs, Quisteonck, Rotterdam
SOAP—5 dms, Quisteonck, Antwerp

Los Angeles Imports

AGAR AGAR—800 lbs, Chichibu, Kobe
ALUM, POTASH CHROME—87,670 lbs, Dinteldijk, Hamburg
ALUMINUM LEAF—510 lbs, from Munich
AMMONIA, SULPHATE—448,000 lbs, Shunhwa, Tokio
BONE, PHOSPHATE PREC — 220,400 lbs, Nansenville, Antwerp
56,000 lbs, Nansenville, Brussels
CALCIUM CHLORIDE—40,480 lbs, Cellina, Naples
CAMPHOR, REFINED—10 lbs, Tai Yang, Kobe
20 lbs, Tai Yang, Yokohama
CANARY SEED — 88,000 lbs, Dinteldijk, Istanbul
43,000 lbs, Dinteldijk, Turkey
CARAWAY SEED—21,000 lbs, Heranger, Holland
CHALK, CRUDE—448,000 lbs, Wyoming, London
CHEMICAL COMPOUNDS—1,200 lbs, Taiyo, Yokohama
600 lbs, Chichibu, Yokohama
940 lbs, Sanyo, Yokohama
CHINA CLAY—183,010 lbs, Wyoming, Plymouth
CINNAMON—5,000 lbs, President Taft, Ceylon
2,510 lbs, President Taft, Colombo
CLAY, VALLENDOR—8,960 lbs, Dinteldijk, Ranabach
COCOA SHELLS—246,400 lbs, Este, Glasgow
57,340 lbs, Dinteldijk, Brussels
244,270 lbs, Heranger, Brussels
COCONUTS—15,000 lbs, Este, Colon
56,250 lbs, Dinteldijk, Kingston
COCONUT, DESIC—147,360 lbs, Neil Maersk, Manila
COPRA—616,000 lbs, Roseville, Cebu
224,000 lbs, Roseville, Manila
638,400 lbs, Silverguava, Manila
1,120,000 lbs, Neil Maersk, Philippine Islands
784,000 lbs, Panama, Cebu
224,000 lbs, Roseville, Philippine Islands
MEAL—1,200,000 lbs, Roseville, Manila
300,000 lbs, Siantar, Cebu
69,500 lbs, Siantar, Manila
900,000 lbs, Silverguava, Cebu
COTTONSEED MEAL—500 lbs, Shunhwa, Kobe
CUMIN SEED—2,250 lbs, President Hayes, Marseilles
DYE, HAIR—20 lbs, Oregon, Kobe
260 lbs, Naruto, Kobe
EPSOM SALT—32,770 lbs, Este, Berlin
FERROMANGANESE—78,400 lbs, Nansenville, Oslo
FERTILIZER—2,200 lbs, Shunhwa, Yokohama
44,800 lbs, Nansenville, Paris
BONE—560 lbs, Dinteldijk, Rotterdam
224,000 lbs, Heranger, Selzaete
FISH MEAL—150,010 lbs, Shunhwa, Kobe
GLASS, PLATE — 1 cs, 170 lbs, Pacific Reliance, Birmingham
SHEET—56 pkgs, 11,810 lbs, Este, Prague
190 pkgs, 47,760 lbs, Nansenville, Brussels
23,370 lbs, Pacific Reliance, Birmingham
33 cs, 6,610 lbs, Nansenville, Brussels
GUM, DAMMAR — 6,680 lbs, Silverguava, Singapore
INSECT POWDER—200 lbs, Shunhwa, Yokohama
INSECTICIDE—10,220 lbs, Dinteldijk, London
LINSEED MEAL—50,000 lbs, Shunhwa, Yokohama
MEDICINAL PREPS—60 lbs, Oregon, Kobe
340 lbs, Naruto, Kobe
MINERALS, CRUDE—114,240 lbs, Silverguava, Calcutta
MUSTARD SEED—450 lbs, Dinteldijk, Amsterdam
OCHER—8,940 lbs, Cellina, Marseilles
OIL, CODLIVER—20,000 lbs, Nansenville, Oslo
COTTONSEED—224,210 lbs, Evanger, Pernambuco
MINERAL—19,150 lbs, From Denmark
PALM—846,420 lbs, Roseville, Medan
1,121,050 lbs, Silverguava, Medan
PEANUT—1,870 lbs, President Taft, Hongkong
SOYBEAN—3,500 lbs, Oregon, Yokohama
2,100 lbs, Shunhwa, Yokohama
VEGETABLE—36,000 lbs, Naruto, Kobe
PAPRIKA—5,500 lbs, Dinteldijk, Valencia
PEATMOSS—324,800 lbs, Nansenville, Malmo
PEPPER, BLACK — 54,500 lbs, Roseville, Sumatra
11,020 lbs, Siantar, Sourabaya
PERFUMERY—170 lbs, From London
PERU BALSAM—500 lbs, Santa Paula, Salvador
POPPYSEED—5,500 lbs, Dinteldijk, Rotterdam
21,600 lbs, Heranger, Holland
POTASH, SULPHATE—790,720 lbs, Este, Hamburg
RICE FLOUR—490 lbs, Chichibu, Kobe
SALTPETER—4,933,980 lbs, Este, Berlin
SARDINE MEAL—1,100,000 lbs, Shunhwa, Kobe
200,000 lbs, Shunhwa, Japan
SESAME SEED—390 lbs, Koryu, Yokohama
SHELLAC—8,200 lbs, Silverguava, Calcutta
SILVERSAND—719,040 lbs, Wyoming, Antwerp
SOAP, LIQUID—3,310 lbs, Nansenville, Oslo
TOILET—100 lbs, Shunhwa, Tokyo
70 lbs, Nako, Kobe
140 lbs, Tai Yang, Kobe
40 lbs, Dinteldijk, London
80 lbs, Naruto, Kobe
80 lbs, From London
SODA SILICOFLUORIDE—1,900 lbs, Heranger, Amsterdam
SOYBEAN—1,130 lbs, Oregon, Yokohama
SPIEGELEISEN—224,000 lbs, Nansenville, Oslo
STARCH, POTATO—490 lbs, Koryu, Yokohama
SUPERPHOSPHATE—400,000 lbs, Shunhwa, Kobe
320,000 lbs, Shunhwa, Yokohama
TAPIOCA FLOUR—21,790 lbs, Siantar, Batavia
223,990 lbs, Siantar, Sourabaya
MEAL—221,190 lbs, Roseville, Sourabaya
TOILET PREPS—80 lbs, Dinteldijk, London

TUBA ROOT—400 lbs, Roseville, Singapore
WAX, MINERAL—67,250 lbs, Roseville, Batavia
ZINC CHLORIDE—11,570 lbs, Dinteldijk, Hamburg

New Orleans Imports

BAUXITE ORE—2,795 tons, Republic Mining & Mfg Co, Nordvangen, Paramaribo
COCOA BEANS—1,500 sks, Fruit Dispatch Co, Santa Marta, Almirante
COCONUTS—100 sks, Whitney Bank, Santa Marta, Cristobal
2,000 sks, Standard Fruit & Steamship Co, Cefalu, Ceiba
925 sks, W R Grace & Co, Port Antonio, Kingston
543 sks, Fruit Dispatch Co, Port Antonio, Puerto Cortez
500 sks, W Gordon, Port Antonio, Belize
480 sks, F Beyer, Port Antonio, Belize
100 sks, L Hayward & Co, Port Antonio, Belize
OIL—1,200 dms, Winnipeg, Antwerp
PAINT—28 cs, United Fruit Co, Santa Marta, Cristobal
PEATMOSS—1,170 bls, Kellerwald, Bremen
PEPPER—50 sks, Schenker & Co, Kellerwald, Hamburg
POTASH, CHLORATE—250 dms, Bank of Manhattan, Kellerwald, Hamburg
MURIATE—651 tons, First National Bank of Boston, Winnipeg, Antwerp
SULPHATE—650 sks, First National Bank of Boston, Winnipeg, Antwerp
SALTPETER—680 sks, Kellerwald, Hamburg
VANILLA—4 cs, St Mary, Vera Cruz
VEGETABLE JUICE—38 dms, The Aganox Co, Bloomersdijk, Tampico
WOOD, PRESERVER—25 dms, United Fruit Co, Santa Marta, Cristobal

Norfolk Imports

AMMONIA, SULPHATE—2,030 tons, Amtorg Trading Corp, Monstella, Pote
BLOOD, DRIED—364 bgs, 23 tons, H J Baker & Bros, Urguayo, Montevideo
409 bgs, 43 tons, Ashcraft, Wilkinson, Urguayo, Montevideo
2,004 bgs, 91 tons, Urguayo, Montevideo
BONES—421 bgs, 18 tons, Urguayo, Montevideo
CALCIUM, NITRATE—1,643 tons, Synthetic Nitrogen Product Corp, Tampa, Porsgrund
1,000 bgs, Synthetic Nitrogen Product Corp, Tampa, Porsgrund
CHEMICALS—85 cks, 18,190 lbs, Advance Solvents & Chemical Co, Black Heron, Antwerp
EPSOM SALT—127 cks, 25 tons, City of Baltimore, Hamburg
FERTILIZER—131 bls, 21,710 lbs, Black Heron, Antwerp
2,223 bgs, 98 tons, Ashcraft, Wilkinson, Urguayo, Montevideo
COCOA RESIDUE—12,300 bgs, 1,002,350 lbs, J C Jett, Black Heron, Antwerp
SOAP, COMMON—5 cs, F Gaskell & Co, City of Baltimore, Hamburg
SODA, SULPHATE—127 cks, 25 tons, City of Baltimore, Hamburg
TANKAGE—595 bgs, 28 tons, J C Jett, Urguayo, Montevideo
1,016 bgs, 49 tons, Urguayo, Montevideo
WHALE MEAL—1,145 bgs, 98 tons, Artigas, London

Philadelphia Imports

AMMONIA, SULPHATE—1,000 bgs, Bradley & Baker, Black Heron, Rotterdam
CANARY SEED—140 bgs, R T French Co, Examiner, Tekirdagh
1,350 bgs, Examiner, Tekirdagh
CASTOR SEED—1,700 bgs, Cape Sable, Bahia
CHEMICALS—26 dms, Chase Nat'l Bank, Black Heron, Rotterdam
2,920 bgs, Hummel Chemical Co, Black Heron, Antwerp
250 bgs, Black Heron, Antwerp
202 bgs, Frankenwald, Bremen
100 crbys, Advance Solvents & Chemical Corp, Frankenwald, Hamburg
300 bgs, Ore & Chemical Corp, Frankenwald, Hamburg
200 bgs, American Cyanamid & Chemical Corp, Frankenwald, Hamburg
CHROME ORE—3,125 tons, Cuban Industrial Ore Co, Annavore, Nuevitas
COCOA BEANS—250 bgs, Wessel, Kulenhampff & Co, Cape Sable, Bahia
1,000 bgs, Hershey Chocolate Corp, Cape Sable, Bahia
500 bgs, Bankers Trust Co, Basil, Bahia
24,350 bgs, Basil, Bahia
COCOANUTS—150 bgs, Franklin Baker Co, Hokuroku Maru, Cristobal
COLORS, EARTH—80 bgs, R T French Co, Black Heron, Antwerp
COTTONSEED MEAL—500 bgs, Mitsubishi Trading Co, Nako, Osaka
CUTTLEFISH BONES—100 cs, Collamer, Bordeaux
ETHYLENE DIBROMIDE—68 dms, Overseas Trading & Finance Corp, Frankenwald, Hamburg
FLUORSPAR—50,800 kilos, Wm H Muller & Co, Frankenwald, Bremen
GAMBIER—170 cs, Bank of New York & Trust Co, Adrastus, Belawan Deli
GLASS, MARBRITE—3 cs, Sears, Roebuck & Co, Black Heron, Antwerp
1 cs, Frederick Richards, Black Heron, Antwerp
WINDOW—304 cs, W O Thatcher, Black Heron, Antwerp
GLUE, DRY—100 bgs, Frankenwald, Bremen
GYPSUM CRUDE—5,574 tons, U S Gypsum Co, Gypsum Prince, Windsor, N S
KYANITE ORE—10 tons, 10 cwts, 2 qtrs, Maine, Calcutta
MAGNESITE—550 bgs, Examiner, Salonica
CLINKERS—1,000 bgs, Nako, Dairen
MANGANESE ORE—25 cks, Wm J Jones & Co, Frankenwald, Hamburg
MANIOC FLOUR—425 bgs, Bank of New York & Trust Co, Cape Sable, Ceara
MILK POWDER—220 bgs, Halfmoon Mfg. & Trading Co, Black Heron, Rotterdam
MILLET SEED—649 bgs, S L Jones & Co, Nako, Dairen
MOLASSES—625,008 gls, North American Trading & Import Co, Winnetou, Sagua La Grande
793,294 gls, North American Trading & Import Co, Winnetou, Havana
NAPHTHALENE—400 bgs, Barrett Co, Black Heron, Rotterdam
OIL, CHINAWOOD—100 tons, Nako, Shanghai
225 tons, Nako, Hankow
COD, TECHNICAL—100 dms, Frankenwald, Hamburg
CODLIVER—100 dms, Silmo Chemical Co, Frankenwald, Hamburg
225 dms, Allen Forwarding Co, Frankenwald, Hamburg
100 dms, Dichmann, Wright & Pugh, Inc, Frankenwald, Hamburg
MINERAL—10 dms, Kuhne, Libby Co, Frankenwald, Hamburg
OLIVE—50 cs, Thomas C Fulcke, Collamer, Bordeaux
OSSEIN—800 bgs, Milligan & Higgins Corp, Black Heron, Antwerp
763 bgs, Black Heron, Antwerp
PEATMOSS—400 bls, Frankenwald, Bremen
PETROLEUM, CRUDE—112,066 bbls, Gulf Oil Corp, Gulfwing, Las Piedras
53,534 bbls, Atlantic Refining Co, Lincoln Ellsworth, Las Piedras
PETROLEUM, CRUDE—113,551 bbls, Gulf Oil Corp, Gulfhawk, Las Piedras
114,756 bbls, Gulf Oil Corp, Gulfbird, Las Piedras
PHOSPHATE, PRECIPITATED—560 bgs, H J Baker & Bro, Black Heron, Antwerp
PYRETHRUM FLOWERS—250 bls, Chase Nat'l Bank, Sonnavind, Kobe
PYRITES ORE—6,480 tons, General Chemical Co, Eli, Quebec
SALTPETER—1,360 bgs, Frankenwald, Hamburg
SAND, FURNACE—800 bgs, Black Heron, Rotterdam
SARDINE MEAL—5,000 bgs, Mitsubishi Shoji Kaisha, Nako, Kobe
2,000 bgs, Wilbur Ellis Co, Nako, Yokohama
1,000 bgs, Ashcraft Wilkins Co, Nako, Yokohama
1,000 bgs, N Y K, Nako
SOAP, SOFT—8 cs, American Chemical Paint Co, Collamer, Bordeaux
SODA, PRUSSIATE—305 cs, H Kohnstamm & Co, Hokuroku, Osaka
TALC—500 bgs, Whittaker, Clark & Daniels, Collamer, Bordeaux
TAPIOCA FLOUR—602 bgs, Nat'l City Bank, Adrastus, Sourabaya
321 bgs, Balfour, Guthrie & Co, Adrastus, Pamanoekan
1,103 bgs, Merchants Nat'l Bank, Adrastus, Pasoeroean
260 bgs, H P Winter & Co, Adrastus, Batavia
WAX, CARNAUBA—63 bgs, Guaranty Trust Co, Cape Sable, Parnahyba
56 bgs, Guaranty Trust Co, Cape Sable, Ceara
33 bgs, Phila Nat'l Bank, Cape Sable, Ceara
56 bgs, Chase Nat'l Bank, Cape Sable, Ceara
56 bgs, Chase Nat'l Bank, Basil, Fortaleza
33 bgs, Phila Nat'l Bank, Basil, Fortaleza
ZINC AMMONIUM CHLORIDE—63 csks, American Cyanamid & Chemical Corp, Black Heron, Antwerp

Portland, Ore., Imports

FLAXSEED—8,606 sks, Louis Dreyfus & Co, West Camargo, Buenos Aires
GINGER ROOT—2 cs, General Pershing, Hongkong
ISINGLASS—1 cs, M Furuya, General Pershing, Kobe
2 bls, Teikoka Co, General Pershing, Kobe
OIL, CODLIVER—50 dms, Kinney Shipping Co, Granville, Oslo
PEANUT—10 cs, Kwong Mun Yuen, General Pershing, Hongkong
OSSEIN—500 sks, Baring & Bros, San Jose, Antwerp
SILVERSAND—200 tons, Balfour, Guthrie & Co, San Jose, Antwerp
SOAP—2 cs, M Furuya Co, General Pershing, Yokohama
SODA, CHLORATE—454 dms, International Selling Corp, San Jose, Havre

San Francisco Imports

ACID, FLAKE—100 sks, Otis, McAllister & Co, Koryu, Yokohama
AGAR AGAR—40 sks, 10 cs, M Hatae, Koryu, Yokohama
ALKALI—5 cs, Kwong Yick, President Taft, Hongkong
BONE—1,031 sks, Pacific National Bank, Hidalgo, Mazatlan
BRISTLES—2 cs, Frank P Dow Co, President Taft, Hongkong
20 cs, B C Ritchie Co, President Taft, Shanghai
25 cs, B C Ritchie Co, President Taft, Kobe
CALCIUM ARSENATE—1 dm, Mitsui & Co, Gyokoh, Kobe
CHEMICALS—80 pkgs, Royal Bank of Canada, Oakland, Hamburg
1 csk, Oakland, Hamburg
1,000 sks, African Metals Corpn, Oakland, Antwerp (for Oakland)
COCONUT, DESIC—114 cs, Balfour, Guthrie & Co, President Taft, Manila
916 cs, Durkee Famous Foods, President Taft, Manila
211 cs, Balfour, Guthrie & Co, Tai Yang, Manila
1,840 cs, Durkee Famous Foods, Tai Yang, Manila
COCONUTS, DRY HUSKED—229 sks, Pacific Coconut Co, Maunganui, Papeete
COPRA—600 tons, El Dorado Oil Works, Tosari, Cebu
350 tons, Durkee Famous Foods, Tosari, Cebu (for Oakland)
192 sks, Maunganui, Rarotonga
192 sks, Burns Philp Co, Maunganui, Rarotonga
475 tons, Best Foods, Illinois, Legaspi
500 tons, El Dorado Oil Works, Illinois, Mauban (for Oakland)
600 tons, Illinois, Dumaguete (for Oakland)
420 tons, El Dorado Oil Works, Illinois, Cebu (for Oakland)
1,770 tons, Durkee Famous Foods, Illinois, Cebu
MEAL—2,000 sks, Snow Brokerage Co, Tosari, Manila
4,500 sks, El Dorado Oil Works, Tosari, Manila
2,680 sks, Otto Sales Co, Koryu, Kobe
1,000 sks, Snow Brokerage Co, Illinois, Manila
CORK FLOATS—2 bls, Chris Lakes, Gyokoh, Nagoya
COTTONSEED CAKE — 500 sks, Balfour, Guthrie & Co, Koryu, Kobe
DENTIFRICE—1 cs, Tambara & Co, Gyokoh, Yokohama
FERTILIZER COMPOUND—600 sks, International Trading Co, Koryu, Yokohama
GINGER ROOT—429 cs, President Taft, Hongkong
GLASS, WINDOW—1 cs, F F G Harper & Co, Oakland, Hamburg
9 cs, J Henry Schroder Banking Corpn, Oakland, Antwerp
5 cs, R K Davidson, Oakland, Antwerp
312 cs, Smith Glass Co, Oakland, Antwerp
6 cs, J Henry Schroder Banking Corpn, Oakland, Antwerp (for Oakland)
GLUE, MARINE—287 tins, C J Henry Co, Moveria, Liverpool
GUM COPAL—50 sks, Tosari, Singapore
59 bskts, Hongkong & Shanghai Banking Corpn, President Taft, Hongkong
181 bskts, Henry W Peabody & Co, President Taft, Hongkong
140 sks, President Taft, Hongkong
DAMMAR—350 cs, Bank of California, N A, Tosari, Batavia
28 sks, President Taft, Hongkong
INK—5 cs, Hip Hing Co, President Taft, Hongkong
10 cs, Sun Tai Lok Co, President Taft, Hongkong
LARD, VEGETABLE—1,000 tins, 5 cs, Tosari, Manila
500 tins, M S Cowen Co, President Taft, Manila
MAGNESIA—1 bbl, 2 cs, Union Steamship Co, Ltd, Maunganui, Papeete
MANIOC MEAL—2,000 sks, Tosari, Samarang
MARGARIN, VEGETABLE—500 cs, David B Berelson, Tosari, Manila
1,500 cs, M S Cowen Co, President Taft, Manila
1,500 cs, David B Berelson, President Taft, Manila
MEDICINAL PREPS—2 cs, Fung Chong, President Taft, Hongkong
1 cs, Chong Kee Chan Co, President Taft, Hongkong
86 pkgs, Tai Fung Wo Co, President Taft, Hongkong
6 cs, Shun On, President Taft, Hongkong
1 cs, Wing Hing Chong, President Taft, Hongkong
42 pkgs, Yick Sang Tong, President Taft, Hongkong
1 cs, Tambara & Co, Gyokoh, Yokohama
OIL, CASSIA—10 dms, East Asiatic Co, President Taft, Hongkong
CHINAWOOD—150 dms, Jebsen & Co, Tai Yang, Hongkong
166 dms, East Asiatic Co, Gyokoh, Shanghai
COCONUT, EDIBLE—10 tins, M S Cowen Co, President Taft, Manila
COTTONSEED, SEMI-REFD—858,603 lbs, Durkee Famous Foods, Koryu, Kobe
DIESEL—1 dm, Bishop & Bahler, Maunganui, Wellington
FERMENTER—1 dm, Peerless Yeast Co, Nordstjernan, Gothenburg
FISH—500 sks, Otis, McAllister & Co, Koryu, Yokohama
LUBRICATING—50 dms, Shell Oil Co, Oakland, Hamburg
MINERAL—15 dms, Oakland, Hamburg
PEANUT—33 cs, Kwong Yick, President Taft, Hongkong
4 cs, How Kee, President Taft, Honkong
20 cs, Chew Chong Tai, President Taft, Hongkong
20 cs, Suey Chong Co, President Taft, Hongkong
RICE BRAN—10 dms, Durkee Famous Foods, Koryu, Kobe
SESAME—10 cs, Chong Kee Chan Co, President Taft, Hongkong
ORANGE PEEL—1 bg, Suey Chong Co, President Taft, Hongkong
PAPRIKA—20 sks, McClintock-Stern Co, Oakland, Hamburg
50 sks, S H Tyler & Co, Oakland, Hamburg
PEANUT MEAL—1,000 sks, Balfour, Guthrie & Co, Koryu, Kobe
PEATMOSS—200 bls, Peat Import Corpn, Oakland, Bremen
2,150 bls, Peat Import Corpn, Oakland, Bremen (for Oakland)
PEPPER—162 sks, Hongkong & Shanghai Banking Corpn, Tosari, Batavia
PETROLEUM, REFD—75 dms, A Grove Knutsen, Oakland, Hamburg
POTASH CHLORATE — 500 cks, Uniform Chemical Products Co, Oakland, Hamburg (for Oakland)
RAPESEED—823 sks, Taylor Milling Co, Koryu, Kobe
SESAME MEAL—1,000 sks, Taylor Milling Co, Koryu, Kobe
2,000 sks, Balfour, Guthrie & Co, Koryu, Kobe
SILICA SAND—300 tons, Balfour, Guthrie & Co, Washington, Antwerp
1,050 tons, Balfour, Guthrie & Co, Washington, Antwerp (for Oakland)
SOAP—52 cs, Swedish Imports & Exports Co, Nordstjernan, Gothenburg
20 cs, American Import Co, Oakland, Hamburg
SODA CHLORATE—727 dms, International Selling Corpn, Oakland, Antwerp
CYANIDE—250 dms, American Cyanamid & Chemical Corpn, Oakland, Antwerp
STARCH—17 cs, Suey Chong Co, President Taft, Hongkong
TAPIOCA FLAKE—86 cks, American Trust Co, Tosari, Sourabaya
FLOUR—110 sks, Guaranty Trust Co of N Y, Tosari, Cheribon
55 sks, American Trust Co, Tosari, Sourabaya
PEARL—270 sks, Tosari, Batavia
157 sks, Tosari, Cheribon
SEEDS—216 sks, Tosari, Batavia
603 sks, American Trust Co, Tosari, Sourabaya
TALLOW—41 dms, Anglo-California National Bank of San Francisco, Maunganui, Wellington
TOILET PREPS—22 cs, Swedish Imports & Exports Co, Nordstjernan, Gothenburg
VANILLA BEANS—24 cs, Williams Dimond & Co, Maunganui, Papeete
WAX, VEGETABLE—50 cs, Koryu, Kobe

Savannah Imports

AMMONIA, SULPHATE — quantity, Shickshinny, London
LEATHERMEAL—300 bgs, Shickshinny, Hamburg
POTASH, KAINIT—quantity, Randwjik, Antwerp
MURIATE—quantity, Randwjik, Antwerp
SULPHATE—3,000 bgs, Randwjik, Antwerp
SALTCAKE—quantity, Michigan, Antwerp
SODA, NITRATE — 26,331 kilos, Tercero, Iquique

Seattle Imports

COCOA BEANS—304 sks, West Camargo, Para
CRACKLINGS—500 sks, Tupman-Thurlow Co, Golden Coast, Melbourne
224 sks, Golden Coast, Melbourne
MOLASSES—1,570,000 lbs, Golden Coast, Honolulu
OIL, CODLIVER—275 dms, 20 cks, Girdwood Shipping Co, Granville, Oslo
CODLIVER, POULTRY—100 dms, Wilbur-Ellis Co, Granville, Oslo
EUCALYPTUS—1 dm, McKesson Stewart Holmes Drug Co, Golden Coast, Melbourne
PEATMOSS—414 bls, Wilson & George Meyer & Co, Granville, Oslo
TANKAGE—5,080 sks, West Camargo, Santos
RENDERED, DRY—1,116 sks, Anglo-California National Bank, Golden Coast, Melbourne

Tacoma Imports

POTASH, CHLORATE—200 cks, C W Campbell Co, Inc, San Jose, Havre

Tampa Imports

CALCIUM, NITRATE—10,000 bgs, Topeka, Heroen
498,960 kilos, Topeka, Heroen
GUANO, BIRD—586,958 kilos, Gypsum King, Pabellon de Pica

Exports from U.S. Ports

New York Exports

Clearance Dates

Agwistar, October 10; American Banker, October 23; American Importer, October 24; Bencas, October 17; Black Hawk, October 24; Bremen, October 24; Caracas, October 21; Carabobo, October 23; City of Salisbury, October 21; City of Worcester, October 20; Colombia, October 15; Express, October 24; Fort Amherst, October 23; Gazina, October 8; Haiti, October 22; Hammaren, October 15; Iriona, October 17; Konigstein, October 23; Kungsholm, October 20; Leerdam, October 26; Laconia, October 23; Marion Otis Chandler, October 24; Musa, October 23; Oradell, October 23; Oriente, October 17; Oriskany, October 15; Pan America, October 23; President Roosevelt, October 27; Ragnhildsholm, October 8; San Juan, October 24; San Mateo, October 16; Santa Marta, October 16; Silveryew, October 23; Steel Worker, October 21; Svaneholm, October 24; Tachira, October 14; Transylvania, October 23; Tugela, October 24; Tureby, October 23; Veragua, October 22; Yucatan, September 30

ACETONE—111,960 lbs. Bencas, Manchester
ACID—30,092 lbs. San Juan, Ponce
BUTYRIC — 534 lbs, American Importer, Liverpool
FORMIC—7,140 lbs. Zarembo, Cape Palmas
MURIATIC—2,252 lbs. Oradell, Santiago; 3,615 lbs, San Mateo, Kingston
SULPHURIC — 2,180 lbs. Silveryew, East London
TARTARIC—2,516 lbs. Colombia, Porto Colombia
ALCOHOL — 4,225 gls, American Importer, Manchester
DENATURED—1,100 gls. Iriona, Cartagena
ISOPROPYL—2,438 lbs. Svaneholm, Malmo
AMMONIA, ANHYD — 20,148 lbs. Zarembo, Marshall; 1,114 lbs, Iriona, Cartagena
SULPHATE—303,750 lbs, San Juan, Guanica
ANTI-KNOCK COMP—1,875 gls, Bencas, London
ASPHALT—50 tons, Bencas, London; (Express) 268,485 lbs, Piraeus; 128,429 lbs, Salonica; 26,309 lbs, Tugela, Buenos Aires; 2,125 lbs, Leerdam, Rotterdam; 20,928 lbs, Iriona, Cartagena
LIQUID—(American Importer) 11,211 lbs, Manchester; 11,296 lbs, Liverpool; 143,532 lbs, Ragnhildsholm, Stockholm; 57,740 lbs, Leerdam, Rotterdam
SOLID—104,526 lbs, American Importer, Manchester
BLACK, BONE—37,475 lbs, Bencas, Hamburg
SULPHUR—2,478 lbs, Kungsholm, Gothenburg
BLEACHING PREPS—(Tugela) 30,390 lbs, Rio Janeiro; 15,261 lbs, Santos
BLUE, ALKALI BASE—7,244 lbs, American Banker, London
LAUNDRY—(Iriona) 6,043 lbs, Porto Colombia; 1,259 lbs, Puntarenas
ULTRAMARINE—17,824 lbs, Pan America, Buenos Aires
VITRIOL—150,332 lbs, Tureby, Buenos Aires; 252,600 lbs, Smaragd, Tela
VITRIOL CRYST—50,500 lbs, Musa, Porto Cortes
CALCIUM GLUCONATE—1,120 lbs, Bencas, Hamburg
CARBON TETRACHLORIDE—12,037 lbs, Bencas, London
CHEMICALS—24,408 lbs, American Importer, Liverpool; 10,100 lbs, Marion Otis Chandler, Honolulu
CLAY—2,550 lbs, Black Hawk, Antwerp; 20,400 lbs, Tokai, Yokohama
CLEANING COMP—11,011 lbs, American Importer, Liverpool; 10,128 lbs, American Banker, London
COLOR, DRY—1,680 lbs, Veragua, Havana; 4,048 lbs, Tureby, Buenos Aires
COTTON LINTERS—153,982 lbs, Silveryew, Capetown; 153,982 lbs, Silveryew, Capetown
CORN FLOUR—1,415 lbs, Santa Marta, Santiago
SUGAR—1,320 lbs, Kungsholm, Stockholm; 35,250 lbs, Tokai, Yokohama
SYRUP—23,183 lbs, Black Hawk, Antwerp; 3,750 lbs, Oriente, Havana; 3,863 lbs, Musa, Porto Barrios; 11,250 lbs, Fort Amherst, St Johns
DEXTRIN—2,280 lbs, American Banker, London; 5,076 lbs, City of Brisbane, Auckland
CORN—8,520 lbs, Leerdam, Rotterdam
DIETHYLAMINE—10,867 lbs, American Importer, Liverpool
DISINFECTANT, COALTAR—620 lbs, Veragua, Limon; 5,267 lbs, Iriona, Porto Colombia
DRUGS—2,930 lbs, American Banker, London
DYES—(Steel Worker) 28,215 lbs, Bombay; 8,140 lbs, Aden; (Pan America) 13,878 lbs, Rio Janeiro; 5,122 lbs, Santos; 6,501 lbs, Buenos Aires
ANILIN—2,600 lbs, Leerdam, Amsterdam
ETHER, ISOPROPYL—(Bencas) 1,625 lbs, Hamburg; 5,850 lbs, London
ETHYL FLUID—7,150 gls, Livenza, Genoa
FELDSPAR, GRD—10,078 lbs, Tugela, Rio Janeiro
FIRECLAY—25,400 lbs, Kungsholm, Gothenburg
GLASS, WINDOW—10,710 lbs, Veragua, Havana; 19,270 lbs, Gazina, Antilla
GLUCOSE, SOLID—47,356 lbs, City of Brisbane, Wellington
GRAPE SUGAR—27,072 lbs, City of Brisbane, Wellington
GREASE, LUBRICATING—45,592 lbs, American Banker, London; 11,980 lbs, American Importer, Manchester; 8,829 lbs, Transylvania, Glasgow; 40,618 lbs, Laconia, Liverpool; 167,248 lbs, Bencas, London; 2,019 lbs, Zarembo, Sassandra; 8,554 lbs, Express Salonica; 40,118 lbs, City of Worcester, Calcutta; 10,144 lbs, Tugela, Santos; 4,605 lbs, Silveryew, Durban; (Tokai) 13,213 lbs, Moji; 18,010 lbs, Kobe; (Excambion) 22,115 lbs, Marseilles; 6,024 lbs, Alexandria
INSECTICIDE—77,861 lbs, Tugela, Buenos Aires
AGRICULTURAL—24,442 lbs, Tokai, Osaka
HOUSEHOLD—6,000 lbs, Tachira, Porto Cabello
IRON OXIDE—17,100 lbs, Tureby, Buenos Aires
LACQUER, COLORED—4,438 lbs, Black Hawk, Antwerp; 4,136 lbs, Livenza, Genoa
LARD—4,000 lbs, Colombia, Cartagena; 7,308 lbs, Oriskany, Guantanamo; 48,028 lbs, Laconia, Liverpool; 147,546 lbs, Black Hawk, Antwerp; 14,175 lbs, American Importer, Manchester; 48,025 lbs, Laconia, Liverpool; 4,998 lbs, Transylvania, Glasgow; 52,000 lbs, Konigstein, Antwerp; 23,100 lbs, Gazina, Antilla; (Santa Marta) 12,038 lbs, Banes; 26,000 lbs, Santiago; (Veragua) 13,000 lbs, Cienfuegos; 5,250 lbs, Havana; 12,400 lbs, Aquitania, Southampton
LEAD, RED—7,638 lbs, Iriona, Porto Colombia
WHITE—23,622 lbs, Svaneholm, Helsingfors
LIME UNSLAKED—200,600 lbs, Smaragd, Tela
LINSEED CAKE—2,680,281 lbs, Black Hawk, Antwerp; 789,149 lbs, American Importer, Liverpool; (Konigstein) 131,984 lbs, Rotterdam-Antwerp; 141,928 lbs, Rotterdam
MEAL—89,600 lbs, American Importer, Manchester
LUBRICANTS—160,708 lbs, San Juan, San Juan
METHYL CHLORIDE—8,463 lbs, Bencas, Hull
NAPHTHA—(Zarembo) 48,750 gls, Dakar; 22,500 gls, Conakry; 6,000 gls, Cape Palmas; 65,000 gls, Port Bouet; 18,000 gls, Sassandra; 7,500 gls, Half Assinie; 22,000

NAPHTHA (Continued):—
gls, Cape Coast; 10,750 gls, Accra; 32,000 gls, Addah; 20,500 gls, Cotonou; 2,750 gls, Nigeria
OIL, CASTOR—22,563 lbs, Leerdam, Rotterdam
COCONUT—5,773 lbs, Veragua, Havana
EDIBLE—(Carabobo) 600 lbs, Maracaibo; 3,611 lbs, Curacao; 2,499 lbs, Aruba; 782 lbs, Tachira, Aruba; 901 lbs, Musa, Porto Barrios
GAS—(Zarembo) 2,750 gls, Accra; 1,650 gls, Cotonou
LINSEED—6,325 lbs, Livenza, Genoa
LUBRICATING—1,680 gls, Black Hawk, Antwerp; 11,088 gls, Rex, Genoa; (Kungsholm) 11,760 gls, Copenhagen; 9,545 gls, Gothenburg; 1,155 gls, Oriente, Havana; (Bencas) 22,675 gls, London; 56,812 gls, Hamburg; 1,100 gls, Colombia, Cartagena; 8,800 gls, Agwistar, Tampico; 9,465 gls, Carabobo, Porto Cabello; (American Importer) 12,730 gls, Liverpool; 16,832 gls, Manchester; 13,700 gls, Transylvania, Glasgow; (Steel Worker) 4,400 gls, Bombay; 8,525 gls, Calcutta; 11,825 gls, City of Salisbury, Shanghai; 2,585 gls, Ragnhildsholm, Malmo; (Laconia) 3,525 gls, Calcutta; 1,925 gls, Bombay; 7,095 gls, American Banker, London; 7,205 gls, Tugela, Santos; 43,344 gls, Bremen, Hamburg; (Leerdam) 15,500 gls, Rotterdam; 11,824 gls, Amsterdam; (Pan America) 5,200 gls, Rio Janeiro; 1,000 gls, Santos; (Fort Amherst) 3,410 gls, St Johns; 3,765 gls, Halifax; (Tureby) 3,010 gls, Santos; 1,650 gls, Buenos Aires; (Express) 3,850 gls, Piraeus; 15,895 gls, Salonica; (Konigstein) 1,722 gls, Rotterdam; 5,500 gls, Mombasa; 23,100 gls, Calcutta; (Hammaren) 1,925 gls, Malmo; 2,585 gls, Karlskrona; 2,310 gls, Tallinn; 4,410 gls, President Roosevelt, Havre; 2,475 gls, Iriona, Santa Marta; (Tokai) 4,950 gls, Yokohama; 8,470 gls, Yokohama-Osaka; 22,055 gls, Osaka; 5,500 gls, Osaka-Kobe; 2,120 gls, Kobe; 12,165 gls, Moji; (City of Brisbane) 84,200 gls, Auckland; 78,375 gls, Wellington; 35,090 gls, Dunedin; 26,565 gls, Lyttelton; (Livenza) 40,740 gls and 30 tons, Genoa; 14,896 gls, Naples; (Excambion) 13,854 gls, Marseilles; 1,650 gls, Algiers; 1,520 gls, Tunis; 7,315 gls, Alexandria
MINERAL, WHITE—2,530 gls, American Banker, London; 1,375 gls, Excambion, Marseilles
OLEO—96,190 lbs, Bencas, London; 7,056 lbs, American Importer, Liverpool; 23,230 lbs, Ragnhildsholm, Gothenburg; 46,674 lbs, Hammaren, Stockholm; 48,589 lbs, Leerdam, Rotterdam
PINE—958 lbs, Veragua, Havana
TRANSFORMER—420 gls, Black Hawk, Antwerp
VALVE—5,995 gls, Agwistar, Tampico
OLEO STOCK—11,801 lbs, Kungsholm, Gothenburg; 22,488 lbs, Hammaren, Malmo
PAINT—6,007 lbs, Kungsholm, Stockholm; 17,128 lbs, Zarembo, Marshall; 22,497 lbs, American Banker, London; (Tureby) 15,999 lbs, Buenos Aires; 6,226 lbs, Rio Janeiro; 2,168 lbs, Iriona, Cartagena; 14,250 lbs, San Juan, San Juan; 5,638 lbs, Leerdam, Rotterdam; 2,918 lbs, Veragua, Havana; (Silveryew) 15,202 lbs, Port Elizabeth; 1,300 lbs, East London; 1,205 lbs, Lourenco Marques; 16,500 lbs, Tugela, Kobe
ENAMEL—1,500 lbs, Tokai, Yokohama
PARAFFIN—224,257 lbs, Bencas, London; 11,110 lbs, Oradell, Santiago; 11,275 lbs, Laconia, Liverpool; 10,085 lbs, Express, Salonica; 24,466 lbs, Hammaren, Helsingfors; 90,406 lbs, Silveryew, Port Elizabeth; (Livenza) 146,589 lbs, Genoa; 127,002 lbs, Leghorn; 22,244 lbs, Naples
SCALE—(American Importer) 61,252 lbs, Manchester, 121,380 lbs, Liverpool; 4,264 lbs, Leerdam, Amsterdam
PETROLATUM—77,123 lbs, American Importer, Manchester
PETROLEUM, REF'D—(Zarembo) 15,000 gls, Dakar; 2,500 gls, Conakry; 5,000 gls, Cape Palmas; 5,250 gls, Port Bouet; 2,500 gls, Sassandra; 12,500 gls, Half Assinie; 12,000 gls, Cape Coast; 40,000 gls, Accra; 17,000 gls, Addah; 35,500 gls, Cotonou; (San Juan) 15,000 gls, San Juan; 7,000 gls, Ponce; 2,000 gls, Aguadilla
PITCH—22,036 lbs, President Roosevelt, Hamburg; 176,506 lbs, Livenza, Genoa
POTASH, BROMATE—2,640 lbs, Leerdam, Rotterdam
RESIN—6,064 lbs, American Banker, London
SYNTHETIC—20,679 lbs, American Importer, Manchester; 5,000 lbs, American Banker, London
ROSIN—3,083 lbs, American Importer, Liverpool; 14,317 lbs, American Banker, London
RUBBER ACCELERATOR—5,679 lbs, American Importer, Liverpool
SOAP—5,750 lbs, President Roosevelt, Hamburg; (San Juan) 5,600 lbs, Yabucoa; 8,100 lbs, Ponce; 4,550 lbs, Pan America, Buenos Aires
SODA ASH—(Bencas) 12,975 lbs, Gothenburg; 15,640 lbs, Helsingfors; 10,100 lbs, Stockholm; 7,760 lbs, Malmo; 33,624 lbs, City of Brisbane, Wellington
BICARBONATE—3,280 lbs, Musa, Porto Barrios
CAUSTIC—(Bencas) 3,700 lbs, Gothenburg; 3,000 lbs, Helsingfors; 6,900 lbs, Malmo; 16,000 lbs, Santa Marta, Santiago; 10,755 lbs, Iriona, Cartagena
CYANIDE—2,760 lbs, Colombia, Porto Colombia
PHOSPHATE—4,080 lbs, Colombia, Porto Colombia
SULPHATE COMP—2,354 lbs, Bencas, London
SOLVENTS—22,605 lbs, American Importer, Liverpool; 80,267 lbs, American Banker, London
STARCH, CORN—21,644 lbs, Kungsholm, Stockholm; 22,639 lbs, Oriente, Havana
STEARIN, OLEO—35,548 lbs, Leerdam, Rotterdam
TALC—10,100 lbs, Leerdam, Rotterdam
TALLOW, INED—5,982 lbs, Rex, Genoa
THIOCARBANALIDE—13,080 lbs, Pan America, Buenos Aires
TRICHLORETHYL—13,145 lbs, Tureby, Buenos Aires
TURPENTINE—(City of Brisbane) 1,020 gls, Auckland; 1,150 gls, Dunedin; 780 gls, Lyttelton
VARNISH — (Kungsholm) 2,466 lbs, Gothenburg; 3,744 lbs, Stockholm
WHITENING COMP—4,716 lbs, Kungsholm, Stockholm
WITCH HAZEL EXTRACT—500 gls, Bencas, London
ZINC, OXIDE—2,428 lbs, Tugela, Rio de Janeiro

Baltimore Exports

Clearance Dates

Ada, October 23; Black Heron, October 27; City of Newport News, October 22; Collamer, October 27; Fredbem, October 27; Lehigh, October 26; Noshiro, October 27; Punta Arenas, October 26; San Bernardino, October 27; Uruguayo, October 23; West Cawthon, October 24

ACID, CHROMIC—3,300 lbs, Black Heron, Antwerp
AMMONIA, SULPHATE—100 tons, West Cawthon, Beira
ASPHALT, SOLID—105,620 lbs, Lehigh, Liverpool
CADMIUM LITHOPONE—2,400 lbs, City of Newport News, London
CALCIUM, ARSENATE—(Punta Arenas) 160,000 lbs, Supe; 250,000 lbs, Huacho; 55,000 lbs, Pisco; 33,000 lbs, Tambo de Mora; 10,000 lbs, Mollendo; 50,000 lbs, Callao
CARBIDE—5,000 lbs, Ada, Maracaibo
CEMENT, ASBESTOS—5,000 lbs, Ada, Maracaibo
COALTAR DIP—(Fredhem) 120 gls, Bahia Blanca; 8 gls, Buenos Aires
ENAMEL FRIT, PORCELAIN—2,400 lbs, Black Heron, Antwerp
FIRECLAY—3,000 lbs, Ada, Maracaibo
GLASS FRIT, CRUSHED—40,200 lbs, City of Newport News, London; 23,600 lbs, Lehigh, Manchester
GREASE, LUBRICATING—54,310 lbs, Black Heron, Hemixem; 1,975 lbs, San Bernardino, Panama
INSECTICIDE—569 lbs, Ada, Puerto Cabello; 363 lbs, San Bernardino, Bogota
OIL, FLOTATION—20,000 lbs, Punta Arenas, San Antonio
LUBRICATING—295 bbls, City of Newport News, Hamburg; 10 gls, San Bernardino, Panama
PAINT, ENAMEL, RED—565½ lbs, San Bernardino, Cristobal
PREPARED—27,000 lbs, San Bernardino, Cristobal
PAINT, TRAFFIC (WHITE)—50 gls, Black Heron, Antwerp
PARAFFIN—22,699 lbs, City of Newport News, Hamburg; (Lehigh) 45,130 lbs, Dublin; 68,174 lbs, Belfast
POTASH BICHROMATE—(City of Newport News) 764 lbs, Memel; 11,200 lbs, London
SAND, PREPARED—1,100 lbs, City of Newport News, London
SODA, BICHROMATE—5,511 lbs, City of Newport News, Memel; (Uruguayo) 22,040 lbs, Santos; 22,400 lbs, Buenos Aires; 56,000 lbs, Lehigh, Manchester
SULPHUR DIOXIDE GAS, COMPRESSED—2,220 lbs, Noshiro, Nagoya
TIN OXIDE—90 lbs, Black Heron, Antwerp
WATERPROOF COMPOUND—800 lbs, Uruguayo, Santos
WHITENING COMP—400 lbs, Lehigh, Manchester

Baton Rouge Exports

Clearance Date

Haakon Hauan, October 16

GASOLINE—(Haakon Hauan) 11,673 bbls, Trondhjem; 22,191 bbls, Harstad
KEROSENE—(Haakon Hauan) 21,043 bbls, Aruba; 5,714 bbls, Harstad; 13,676 bbls, Trondhjem

Beaumont Exports

Clearance Dates

Helgoland, October 21; Jomar, October 21; Kaia Knudsen, October 28

BLACK, CARBON—1,970 bgs, Jomar, Glasgow
Glasgow
COTTONSEED SOAPSTOCK—350 bbls, Jomar,
OIL, LUBRICATING—1,950 dms, Helgoland, Bremen/Hamburg
PETROLEUM, CRUDE—13,143 tons, Kaia Knudsen, Buenos Aires
SULPHUR—600 bgs, Jomar, Glasgow

Boston Exports

Clearance Dates

Artigas, October 26; Coldbrook, October 22; Darien, October 24; Hokuroku, October 27; Laconia, October 25; Saint John, October 22, 27; Yarmouth, October 28

ASBESTOS FIBER — 11,120 bgs, Hokuroku, Kobe
BAKING POWDER—5 crts, 130 bxs, 10 pls, 4,900 lbs, to Newfoundland
BATH SALTS—1 cs, 52 lbs, to Newfoundland
BAY LEAVES—2 bgs, 50 lbs, Saint John, St John, N B
CEMENT, CAN—5 dms, 2,444 lbs, Laconia, Bombay; 40 dms, 17,219 lbs, Coldbrook, Buenos Aires
RUBBER—2 dms, 902 lbs, to Newfoundland; 7 bbls, 360 gls, to Philippines
SHOE—2 cs, 744 lbs, Darien, Panama
COLOR, DRY—1 pkg, 50 lbs, to China
CREAM TARTAR—2 ctns, 120 lbs, Newfoundland
DEXTRIN—1 cs, 31 bgs, 6,068 lbs, Darien, Havana
DRESSING, LEATHER—13 cs, 1,105 lbs, Laconia, Leicester; 1 dm, 50 lbs, to Newfoundland; 1 bbl, 5 kegs, 70 gls, to Newfoundland
OILBOARD—1 cs, 45 lbs, Coldbrook, Buenos Aires
SHOE—15 cs, 63 lbs, Coldbrook, Buenos Aires; 1 keg, 7 cs, 58 gls, Darien, Havana
DRYER—10 dms, 546 gls, to Newfoundland
FINISH, LEATHER—1 pl, 5 gls, Darien, Kingston
FISHMEAL—500 bgs, 56,000 lbs, to England
GLUE, PHOTO-ENGRAVING—(Artigas) 12 cs, 300 lbs, London; 20 cs, 640 lbs, Hamburg; 6 cs, 162 lbs, to China; 1 cs, 8 lbs, Darien, Port Limon
GREASE, LUBRICATING—15 crtns, 540 lbs, to Newfoundland; 6 crtns, 360 lbs, Laconia, Liverpool
SOAP—(Darien) 5 bbls, 2,051 lbs, Calbarien; 1 bbl, 781 lbs, Kingston
INK, PRINTING—1 dm, 56 lbs, Yarmouth, Annapolis Royal
SHOE—2 cs, 102 lbs, Darien, Kingston; 13 cs, 6 kegs, 972 lbs, Coldbrook, Buenos Aires
WRITING—9 crtns, 56 bxs, 1,244 lbs, to Hawaii; (Dairen) 1 crtn, Fort Randolph; 1 crtn, Corozal; 10 pkgs, 46 lbs, Kingston; 16 crtns, 40 lbs, Havana
INSECTICIDE—5 dms, 1,604 lbs, to Hawaii
LINING COMP—(Artigas) 20 dms, 940 lbs Oslo; 35 dms, 1,670 lbs, Goteburg; 160 dms, 11,622 lbs, Hamburg; 50 dms, 2,650 lbs, Havre; 24 dms, 11,711 lbs, Darien, Havana
MEDICINAL PREP'S—1 cs, to Newfoundland; 1 cs, 438 bxs, 2,190 gls, Laconia, London; 3 cs, 483 lbs, Darien, Havana
MUCILAGE—(Darien) 1 pkg, 18 lbs, Fort Randolph; 2 pkgs, 120 lbs, Kingston
OIL, CREOSOTE, NEUTRAL—10 dms, 4,200 lbs, Saint John, St John
LUBRICATING—4 dms, 200 gls, Yarmouth, Yarmouth
WATER, WHITE—200 bbls, 11,000 gls, to Newfoundland
PAINT—10 cs, 574 lbs, to Newfoundland
ASPHALT—18 bxs, 100 gls, to Hawaii
COPPER—5 cs, 50 lbs, Darien, Kingston
PASTE, ADHESIVE—1 pkg, 32 lbs, Darien, Fort Randolph; 1 keg, 90 lbs, to Newfoundland
STATIONERS'—3 crtns, 31 bxs, 516 lbs, to Hawaii; 75 crtns, 350 lbs, Darien, Havana
POLISH, SHOE—2 crtns, 15 lbs, Darien, Havana
SILVER—4 crts, to China
STOVE—45 cs, 1,534 lbs, Saint John, St John
ROSIN, GUM—15 bbls, 500 lbs, Yarmouth, Halifax
SENNA PODS—1 bg, 50 lbs, Saint John, St John
SOAP—2 cs, 108 lbs, Coldbrook, Buenos Aires
CREOSOTE—5 dms, 275 gls, to Straits Settlements
MEDICATED—1 cs, 42 lbs, to Newfoundland; 6 crtns, 189 lbs, to Hawaii
SODA, BICARBONATE—45 bbls, 150 kegs, 34,800 lbs, Saint John, St John
SULPHATE—50 kegs, 5,000 lbs, Darien, Havana
SOLVENT—12 cs, 72 gls, to Hawaii
STIFFENER—3 cns, 285 lbs, to Newfoundland
TALC—2 cs, 58 lbs, to Newfoundland
TOILET PREP'S—3 cs, 172 lbs, Laconia, Dublin; 1 cs, 120 lbs, Darien, Havana
TURPENTINE, GUM—5 dms, 289 gls, Saint John, St John; (Yarmouth) 10 dms, 3,920 lbs, Yarmouth; 5 dms, 1,960 lbs, Moncton
VARNISH—8 cs, 68 gls, to Newfoundland
WATER, MINERAL—10 cs, 95 gls, Darien, Havana
WAX, JAPAN—1 cs, 224 lbs, Saint John, St John
SEALING—1 cs, 57 lbs, Darien, Havana
SHOE—13 cs, 794 lbs, Coldbrook, Buenos Aires; 15 cs, 1,000 lbs, Darien, Havana

Corpus Christi Exports

Clearance Date

Ophelie, October 15

OIL, GAS—31,454 bbls, Ophelie, Donges
PETROLEUM, CRUDE—63,058 bbls, Ophelie, Donges

Galveston Exports

Clearance Dates

Cripple Creek, October 26; Edgehill, October 22; Forthbank, October 23; Heddernheim, October 26; Jacob Christensen, October 26; Lycia, October 21; Nashaba, October 22; Tana, October 23.

BLACK, CARBON—(Forthbank) 17 cs, 90 bgs, Sydney; 8 cs, 1,008 bgs, Melbourne; 661 bgs, Heddernheim, Bremen; 8 cs, Cripple Creek, Hamburg
CONCENTRATES—120 tons, Nashaba, London; 64 tons, Edgehill, Liverpool
SALT—90 bgs, Forthbank, Melbourne
SULPHUR—2,200 tons, Lycia, Port Kembla; 1,250 tons, Nashaba, Hull; 505 tons, Edgehill, Liverpool; 1,000 tons, 419 bgs, Forthbank, Sydney; 5,750 tons, Jacob Christensen, Three Rivers; 25 tons, Heddernheim, Hamburg; (Tana) 37 tons, Copenhagen; 7 tons, Gdynia

Houston Exports

Clearance Dates

Edgehill, October 21; Heddernheim, October 24; Murena, October 24; Ossag, October 24; San Adolfo, October 27; Sarita, October 21; Tana, October 25; Wayfarer, October 24.

BLACK, CARBON—(Edgehill) 100 cs, 6,000 bgs, Liverpool; 125 cs, Manchester; 20,000 bgs, Liverpool/Manchester; 20 tons, Heddernheim, Bremen; (Tana) 32 cs, Oslo; 75 cs, Gothenburg; 25 cs, Copenhagen; 45 cs, 90 bgs, Gdynia; 2,800 bgs, 80 cs, Wayfarer, Liverpool/Manchester
OIL, CYLINDER—(San Adolfo) 377 tons, Manchester; 395 tons, London
GAS—(Sarita) 3,300 tons, Antwerp; 1,200 tons, Bruges; 2,800 tons, Rotterdam; 2,000 tons, Ossag, Port in Greece
LUBRICATING—1,250 tons, Ossag, Alexandria; (San Adolfo) 1,741 tons, Manchester; 1,600 tons, London
PETROLEUM, CRUDE—11,700 tons, Murena, Montreal
PRODUCTS—276 pkgs, Tana, Copenhagen
SOAPSTOCK—82 bbls, Edgehill, Liverpool

Lake Charles Exports

Clearance Date

Caledonia, October 18.

PETROLEUM, CRUDE—107,448 bbls, Caledonia, Montreal

Los Angeles Exports

Clearance Dates

Aino, October 12; Alexia, October 16; Brandanger, October 10; Capella, October 22; Feltre, October 2; Glaucus, October 17; Hauraki, September 30; John Knudsen, October 19; Kwansai, October 11; Margaret Johnson, October 5; Penrith Castle, September 30; President Coolidge, September 30; President Harrison, October 5; President Lincoln, October 9; Strassfurt, October 9; Taiyo, October 18; Toorak, October 16; Trondanger, October 3; Weser, October 13

ACID, BORIC—200 bgs, 22,400 lbs, Trondanger, Rotterdam
BORATE—(Stassfurt) 11,400 bgs, 1,892,950 lbs, Rotterdam; 5,205 bgs, 895,900 lbs, Bremen; 8,741 bgs, 1,450,250 lbs, Hamburg; 11,637 bgs, 1,926,510 lbs, Weser, Hamburg
BORAX—30 bbls, 6,720 lbs, Penrith Castle, Shanghai; (Hauraki) 10 cks, Auckland; 200 bgs, 22,400 lbs, Wellington; (Trondanger) 2,000 bgs, 224,000 lbs, Havre; 320 bgs, 44,800 lbs, Antwerp; 800 bgs, 90,400 lbs, Rotterdam; 3,600 bgs, 403,200 lbs, Feltre, Marseilles; (Kwansai) 1,000 bgs, 112,000 lbs, Yokohama-Kobe; 1,300 bgs, 144,950 lbs, Osaka; (Margaret Johnson) 197 bgs, 22,060 lbs, Malmo; 394 bgs, 44,130 lbs, Honneby; 200 bgs, 22,400 lbs, President Lincoln, Yokohama-Kobe-Osaka; (Weser) 198 bgs, 22,180 lbs, Hamburg; 1,000 bgs, 112,000 lbs, Rotterdam
GRANULAR—241 bgs, 26,990 lbs, Hauraki, Auckland
POWDERED—200 bgs, 22,300 lbs, Hauraki, Wellington
CHEMICALS, DRY—2,490 lbs, Kwansai, Yokohama
CLAY — 10,000 sx, 536,000 lbs, Brandanger, Buenos Aires
FILM, SCRAP—10,160 lbs, Weser, Antwerp
GASOLINE—(Alexia) 8,824 bbls, 2,303,060 lbs, Las Palmas; 21,598 bbls, 5,637,080 lbs, Lisbon; 42,580 bbls, 282 dms, 11,200,820 lbs, Greece; 68,071 bbls, 17,766,530 lbs, John Knudsen, Manila/Cebu
INFUSORIAL EARTH—672 bgs, 67,200 lbs, Hauraki, Auckland; 1,000 bgs, 100,800 lbs, Glaucus, Manila; (Trondanger) 2,253 bgs, 228,480 lbs, Antwerp; 88 bgs, 8,900 lbs, Rotterdam; 22 bgs, 2,240 lbs, Amsterdam; (Feltre) 110 bgs, 11,000 lbs, Beira; 1,076 bgs, 109,760 lbs, Casablanca; 110 bgs, 11,200 lbs, Marseilles; 501 bgs, 49,280 lbs, Margaret Johnson, Stockholm; 501 bgs, 49,280 lbs, Margaret Johnson, Stockholm
KEROSENE—(Hauraki) 75 cs, 4,080 lbs, Papeete; 25 cs, 2,130 lbs, Lyttelton; 25 cs, 2,120 lbs, Dunedin
DISTILLATE — 6,416 bbls, 1,809,310 lbs, Glaucus, Hongkong
LACQUER—560 lbs, President Harrison, Hongkong
THINNER—440 lbs, President Harrison, Hongkong
MINERAL SP'TS—(Hauraki) 50 cs, 4,250 lbs, Auckland; 20 cs, 1,700 lbs, Dunedin
MOLYBDENUM CONCE—46,080 lbs, Feltre, Genoa
OIL, DIESEL—28,474 bbls, 8,883,890 lbs, Teiyo, Genzan; (Toorak) 25,951 bbls, 8,096,710 lbs, Shanghai; 28,151 bbls, 8,783,110 lbs, Hongkong; 35,065 bbls, 10,940,280 lbs, Capella, Antofagasta
FUEL—68,469 bbls, 19,470,180 lbs, Aino, Manila; (Capella) 797 bbls, 265,400 lbs, Antofagasta; 50,014 bbls, 16,654,660 lbs, Chanaral
OLEO—2,140 lbs, President Harrison, Singapore
PETROLEUM, REF'D—40,727 bbls, 11,729,380 lbs, John Knudsen, Manila-Cebu
ROSIN, GUM—(Hauraki) 15,000 lbs, Wellington; 32,500 lbs, Lyttleton; 22,500 lbs, Dunedin
WOOD—(Hauraki) 49,250 lbs, Lyttleton; 12,240 lbs, Wellington; 2,450 lbs, Dunedin
SODA ASH—(Margaret Johnson) 1,500 bgs, 330,690 lbs, Gothenburg; 100 bgs, 22,040 lbs, Wiborg; 100 bgs, 22,040 lbs, Kotka; 350 bgs, 77,160 lbs, Abo; 300 bgs, 66,140 lbs, Helsingfors
CARBONATE—500 lbs, Hauraki, Sydney
CAUSTIC—3,200 lbs, Hauraki, Auckland
SULPHITE—2,000 lbs, Hauraki, Sydney
TOILET PREPS—360 lbs, President Harrison, Bombay; 710 lbs, President Lincoln, Yokohama
TURPENTINE—18,030 lbs, Hauraki, Wellington
SPIRITS—(Hauraki) 1,690 lbs, Wellington; 3,380 lbs, Dunedin

Mobile Exports

Clearance Dates

Brynje, October 24; Fagersten, October 24.

LIMESTONE—600 bgs, Brynje, Vancouver
OIL, PINE—400 dms, Brynje, Brittania Beach
PINETAR—4 dms, Fagersten, Maracaibo
ROSIN—(Brynje) 120 dms, Vancouver; 500 bbls, Ocean Falls
TURPENTINE—200 dms, Brynje, Victoria; 16 cs, 1 dm, Fagersten, Maracaibo

New Orleans Exports

Clearance Dates

Alberta, October 9; Cefalu, September 1, 14; Contessa, September 8; Dryden, October 6; Ida Z O, October 12; Meanticut, October 7; Sahale, October 3; Santos, September 12; Thordis, October 5.

ASPHALT—30 tons, Dryden, Hamburg
BLACK, CARBON—(Santos) 3 tons, Yokohama; 28 tons, Kobe; 20 tons, Yokohama/Kobe/Osaka; 11 tons, Darien; 5 tons, Tientsin; 20 tons, Ida Z O, Genoa; (Sahale) 37 tons, Glasgow; 6 tons, Dublin; 5 tons, Avonmouth
CLAY, GRD—10 tons, Sahale, Avonmouth
DISTILLATE—150 dms, Cefalu, Ceiba
FERTILIZER—10 sx, Cefalu, Panama
FIRECLAY—2 tons, Santos, Yokohama
GASOLINE—10,100 tons, Thordis, Thameshaven
KEROSENE—50 cs, 1 dm, Cefalu, Puerto Cabezas
LARD—(Cefalu) 10 crts, 100 tins, 887 dms, Havana; 150 tins, Cartagena; 100 tins, 300 ctns, Puerto Colombia; 50 crts, Puerto Cabezas; (Contessa) 450 dms, Havana; 200 tins, Puerto Colombia
SUBSTITUTE—21 pkgs, Contessa, Panama City
OIL, FUEL—50 dms, Cefalu, Puerto Cabezas
LUBRICATING—(Cefalu) 31 cs, Puntarenas; 5 dms, 2 cs, Puerto Cabezas; (Santos) 143 tons, Yokohama; 31 tons, Kobe; 62 tons, Yokohama/Osaka; 19 tons, Tokyo; (Dryden) 13 tons, Bremen; 8 tons, Hamburg; 81 tons, Ida Z O, Genoa
WOOD—5 dms, Cefalu, Valparaiso
PAINT—(Contessa) 5 dms, Havana; 3 tons, Panama City
PETROLEUM—24 tons, Dryden, Hamburg
PHARMACEUTICALS—8 tons, Cefalu, Havana; 8 tons, Contessa, Havana
PRESERVATIVES, WOOD—6 dms, Cefalu, Ceiba
ROSIN—(Cefalu) 100 dms, Valparaiso; 100 bbls, Havana; 6 tons, Santos, Yokohama; 228 bbls, Meanticut, Genoa
WOOD—50 dms, Cefalu, Valparaiso
SALT—(Cefalu) 30 tons, Havana; 3 tons, Puerto Cabezas; (Contessa) 25 tons, Havana; 2 tons, Puerto Cabezas
STARCH—(Sahale) 1 ton, Dublin; 27 tons, Avonmouth
WAX—200 sx, Cefalu, Puerto Colombia; (Alberta) 457 sx, Triegte; 40 sx, Durrazzo
SCALE, CRUDE—28 tons, Sahale, Avonmouth

Norfolk Exports

Clearance Dates

Ivor, October 19; Manchester Brigade, October 19

TANNING EXTRACT, LIQ—570 bbls, 340,193 lbs, Manchester Brigade, Liverpool
POWDERED—45 bgs, 6,750 lbs, Ivor, Oslo

Philadelphia Exports

Clearance Dates

Artigas, October 24; Beemsterdijk, October 27; Black Falcon, October 24; Campuzano, October 24; Chippewa, October 29; Examiner, October 30; Exermont, October 24; Ingria, October 26; Mayari, October 26; New Brunswick, October 27; New Orleans, October 26; Punta Arenas, October 29; San Marcos, October 27; Steel Traveler, October 23; Tugela, October 23; Uruguayo, October 26

ACETYLENE—20 cyls, Chippewa, Puerto Cabello
ALUMINA, SULPHATE—300 bbls, Steel Traveler, Manila; 1,000 bgs, Punta Arenas, Buenaventura
AMMONIA, ANHYD — 200 cyls, Uruguayo, Buenos Aires
AMYL ACETATE—20 dms, Tugela, Rio de Janeiro
ANTI KNOCK COMP—(Ingria) 40 dms, Sete; 15 dms, St Louis du Rhone
FREEZE SOLUTION—17 pkgs, Beemsterdijk, Amsterdam
BENZOL—341,427 gls, Campuzano, Spain; 134 dms, Uruguayo, Buenos Aires
BLACK, BONE—1 dm, New Orleans, Bombay
BUTYL ACETATE—72 dms, Artigas, London
CARBON, RETORT—165 bgs, Artigas, London

CEMENT, SEALING—15 crtns, Steel Traveler, Manila
CHEMICALS—1 cs, Chippewa, Puerto Cabello
PAPER—1 bx, New Orleans, Calcutta
CHLORINE, LIQ—8 cyls, San Marcos, Granada
COCOA CAKE—945 bgs, Balck Falcon, Amsterdam; 2,327 bgs, Beemsterdijk, Amsterdam
WASTE—1,600 bgs, Black Falcon, Amsterdam; 640 bgs, Beemsterdijk, Amsterdam
COLORS, COALTAR—31 pkgs, Ingria, Oporto
COTTON LINTERS—58 bls, Artigas, London
FERRITES—60 bbls, Uruguayo, Buenos Aires
GASOLINE—(New Brunswick) 300 dms, 1,000 cs, Dakar; 500 cs, Bathurst; 5,257 cs, Port Bouet; 5,000 cs, 200 dms, Takoradi; 700 cs, Saltpond; 3,000 cs, Accra; 1,500 cs, Lome; 250 cs, Grand Popo; 5,050 cs, Lagos; 300 cs, Calabar; 2,500 cs, 50 dms, Duala; 2,000 cs, Kribi
GRAPHITE—12 bbls, New Orleans, Calcutta
GREASE, LUBRICATING—(Black Falcon) 3 dms, Rotterdam; 1 dm, Amsterdam; 5 dms, Antwerp; (Steel Traveler) 10 dms, Manila; 5 bbls, Shanghai; 1 bbl, Tugela, Santos; (New Orleans) 7 dms, Karachi; 1 cs, Bombay; 5 dms, Calcutta; 60 bbls, Ingria, Lisbon; (New Brunswick) 2 cs, Freetown; 10 dms, Port Bouet; 50 dms, Kribi; 30 kgs, San Marcos, Guayaquil; 10 dms, Examiner, Piraeus; 8 dms, Chippewa, Puerto Cabello
INK, PRINTING—13 pkgs, Artigas, London
INSECTICIDE—6 cs, 2 bdls, Steel Traveler, Manila; 1 cs, 6 bdls, Ingria, Funchal; (New Brunswick) 5 cs, Lome; 2 cs, Duala; 6 crts, San Marcos, Panama
ISO OCTANE—10 pkgs, Beemsterdijk, Amsterdam
KEROSENE—6 dms, Chippewa, Puerto Cabello
LICORICE MASS—(Black Falcon) 30 cs, Rotterdam; 20 cs, Antwerp; 160 cs, Artigas, Hull
LINSEED CAKE—2,932 bgs, Black Falcon, Antwerp
MEAL—(Mayari) 1,000 bgs, Port of Spain; 2,900 bgs, Bridgetown; 125 bgs, Georgetown; 100 bgs, San Fernando
MANGANESE ORE CONCEN—7 bbls, New Orleans, Bombay
MEDICINAL PREPS—(New Orleans) 7 bxs, Karachi; 18 bxs, Madras; 21 bxs, Calcutta
HOMEOPATHIC—14 cs, New Orleans, Calcutta
MINERAL SPTS—500 cs, Uruguayo, Rio de Janeiro
OIL, BURNING—534 cs, Uruguayo Santos
COALTAR, CRUDE—10 dms, Tugela, Buenos Aires
ENGINE—70 dms, Artigas, London
FUEL—10 dms, Exermont, Marseilles; (New Brunswick) 50 dms, Duala; 100 dms, Kribi
ILLUMINATING—(New Brunswick) 600 cs, Bathurst; 750 cs, Freetown; 650 cs, Port Bouet; 300 cs, Saltpond; 1,500 cs, Lome; 300 cs, Grand Popo; 50 cs, Lagos; 500 cs, Port Harcourt; 250 cs, Calabar; 1,000 cs, Duala
LUBRICATING—(Black Falcon) 165 dms, 15 bbls, Rotterdam; 90 dms, Amsterdam; 112 cartons, 1 bx, 228 dms, 12 bbls, Antwerp; 30 dms, Steel Traveler, Shanghai; (Tugela) 59 dms, Rio de Janeiro; 190 pkgs, Paranagua; 1,708 pkgs, 43 bbls, Santos; 350 dms, 119 pkgs, Buenos Aires; 20 qr-kgs, Puerto Sastro; (Artigas) 225 bbls, London; 65 bbls, Hamburg; 45 bbls, Exermont, Genoa; (New Orleans) 180 pkgs, Karachi; 6 cs, 485 dms, 1 crt, 25 pkgs, Bombay; 1,044 pkgs, Colombo; 100 pkgs, Madras; 440 dms, 505 pkgs, Calcutta; (Ingria) 1,170 pkgs, Leixoes; 1,922 pkgs, 168 dms, 1,622 crtns, 1,495 bbls, 150 cs, Lisbon; 4 cs, 12 dms, Funchal; 15 pkgs, Benguela; 10 pkgs, Malange; 36 pkgs, Lobito; 36 pkgs, Loanda; 30 bbls, 922 pkgs, Casablanca; 94 pkgs, Oudjda; 117 pkgs, Tangier; 150 pkgs, Gibraltar; 2,160 pkgs, 427 bbls, Marseilles; 60 pkgs, Haiphong; 1,193 pkgs, Saigon; 12 pkgs, St Vincent; (Uruguayo) 10 bbls, 245 dms, 330 cs, 275 crtns, 792 pkgs, Montevideo; 845 dms, Santos; (Beemsterdyk) 32 pkgs, Amsterdam; 12 pkgs, Rotterdam; (New Brunswick) 134 pkgs, Las Palmas; 26 dms, Port Bouet; 82 pkgs, Lome; 25 pkgs, Lagos; 37 dms, 2 pkgs, Port Harcourt; 5 dms, 13 pkgs, Kribi; 26 pkgs, Apapa; (San Marcos) 125 dms, 1 bx, Panama; 30 dms, Barranquilla; 103 dms, Guayaquil; (Examiner) 10 dms, Piraeus; 15 dms, 2 qr-drs, Calamata; 30 dms, Punta Arenas, Guayaquil; 67 dms, Chippewa, Puerto Cabello
MEDICINAL—3 cs, Ingria, Lisbon
TRANSFORMER—50 dms, 20 cs, Uruguayo, Rio de Janeiro
PAINT—1 pkg, Beemsterdyk, Amsterdam; 20 pls, 9 crtns, 1 dm, Chippewa, Puerto Cabello; 1 cs, Artigas, Dundee
PARAFFIN—1,000 bgs, Steel Traveler, Manila; 439 bgs, Artigas, London; 20 bgs, Ingria, Lisbon; 50 bbls, Uruguayo, Rio de Janeiro; (Punta Arenas) 50 bgs, Buenaventura; 50 bgs, Arica; 220 bgs, Callao; 150 bgs, Pimental
RESIN, COALTAR—(Black Falcon) 1 cs, Rotterdam, 2 cs, Groningen
RUBBING COMP—4 crtns, Steel Traveler, Manila
SAND FILTER—40 bgs, Ingria, Casablanca
SODA—2 dms, Steel Traveler, Chefoo
ASH—3 dms, New Orleans, Bombay
BICARBONATE—3 crtns, Chippewa, Puerto Cabello
PHOSPHATE TRI—326 bgs, Artigas, London
TANNING MATERIAL, DRY—(Uruguayo) 3 bbls, Montevideo; 23 bbls, Buenos Aires
THINNING COMP—1 pkg, Chippewa, Puerto Cabello
THORIUM NITRATE—2 cs, New Orleans, Calcutta
TOILET PREPS—1 cs, New Orleans, Colombo
TURPENTINE—3 pls, Chippewa, Puerto Cabello
VARNISH—60 dms, San Marcos, Cristobal
WATERPROOF COMP—41 bbls, Uruguayo, Buenos Aires
WAX—128 bbls, Artigas, London
MATCH, WHITE—31 dms, New Orleans, Bombay

Port Arthur Exports
Clearance Dates

Campuzano, October 14; Europe, October 14; Gymeric, October 17; Lightburne, October 20; Orkanger, October 11; Sandhamn, October 9

ASPHALT—958 bbls, 15 cs, Orkanger, Antwerp; 205 dms, Europe, Amsterdam; (Lightburne) 100 dms, San Juan; 3 dms, Guayanilla
PETROLEUM—4,833 bbls, 2,218 dms, Sandhamn, London
GASOLINE—77,449 bbls, Orkanger, Antwerp; 56,063 bbls, Campuzano, Cartagena; (Europe) 41,131 bbls, Amsterdam; 28,777 bbls, Liverpool; (Lightburne) 21,535 bbls, San Juan; 39,449 bbls, San Juan-Guayanilla; 105 bbls, 150 cs, Guayanilla
GREASE, LUBRICATING—246 dms, 80 ctns, 345 cs, Sandhamn, London; 63 bbls, 255 dms, 50 cs, Orkanger, Antwerp; 100 dms, 131 cs, Europe, Amsterdam; (Lightburne) 32 dms, 32 cs, San Juan; 3 cs, Guayanilla
KEROSENE — 50 dms, Sandhamn, London; 11,011 bbls, Orkanger, Antwerp; (Europe) 23,535 bbls, Amsterdam; 5,464 bbls, Liverpool; (Lightburne) 2,700 cs, San Juan; KEROSENE (Continued):—3,016 bbls, San Juan-Guayanilla; 1,900 cs, Guayanilla
OIL, DIESEL—4,271 bbls, Orkanger, Antwerp; 1,117 bbls, Europe, Amsterdam; (Lightburne) 357 bbls, Bavamon; 7,613 bbls, San Juan-Guayanilla
LUBRICATING—30 bbls, 223 dms, Orkanger, Antwerp; 55 bbls, 85 dms, 15 cs, Europe, Amsterdam; (Lightburne) 23 dms, 71 cs, San Juan; 26 bbls, 90 dms, Guayanilla
PALE—25 dms, 1 cs, Sandhamn, London
PETROLEUM, CRUDE—71,515 bbls, Gymeric, Hamburg

San Francisco Exports
Clearance Dates

Alaska Standard, October 13; Asama, September 30; Benjamin Franklin, September 30; Bokuyo, October 10; Brandanger, September 7; Chiriqui, October 8; Delftdijk, October 8; Den Haag, October 9; Feltre, September 30; Koyei, October 10; Margaret Johnson, October 3; Moldanger, October 10; Pecten, September 30; Pleasantville, October 2; Point Lobos, September 30; President Harrison, October 9; San Ambrosia, October 2; San Luis, October 6; Saparoea, September 30; Tachibana, October 5; Trondanger, September 30; Tudor Star, October 2; Weser, October 10; Winamac, October 3.

ACID, HYDROCHLORIC—1 cs, President Harrison, Bahrein
APRICOT KERNELS—250 sks, Moldanger, Holland
AMMONIA, ANHYD—200 cyls, Point Lobos, Tampico; 71 cyls, President Harrison, Shanghai
SULPHATE—3,050 sks, Saparoea, Cebu
APRICOT KERNELS—46 sks, Benjamin Franklin, Copenhagen; 510 sks, Trondanger, Holland; 150 sks, Tudor Star, England; (Margaret Johnson) 20 sks, Stockholm; 20 sks, Malmo; (Delftdijk) 100 sks, England-Holland; 425 sks, Holland
ASPHALT—(Saparoea) 1,025 dms, Singapore-Port Swettenham-Penang; 1,862 dms, Batavia-Port Swettenham-Sourabaya; 2,520 dms, Rangoon; 8,994 dms, Pleasantville, Hatavia; 100 dms, Brandanger, Argentina; (President Harrison) 162 dms, Hongkong; 20 dms, Manila; 4,030 dms, Colombo; 300 dms, Shanghai; 190 sks, Kobe; 135 sks, Feltre, France; 110 sks, Margaret Johnson, London; 277 sks, Moldanger, France
GRITS—(Trondanger) 107 sks, France; 160 sks, Belgium; (Margaret Johnson) 65 sks, Stockholm; 77 sks, Copenhagen; 77 tons, Weser, Hamburg
BENZOL—1 cs, President Harrison, Bahrein
BLACK, CARBON—(President Harrison) 1 cs, Osaka; 20 cs, Port Swettenham
BRONZE, LIQ—1 cs, President Harrison, Bombay
CALCIMINE—40 dms, President Harrison, Manila
CARBON, ACTIVATED—1 cs, President Harrison, Shanghai
CEMENT, LINOLEUM—48 pls, 16 cs, Margaret Johnson, Stockholm
RUBBER—1 cs, Chiriqui, Balboa; 3 cs, President Harrison, Manila
CHARCOAL—5 cs, President Harrison, Manila
CHLORINE BLEACH, LIQ—3 cs, President Harrison, Shanghai
CINNAMON—1 bl, Saparoea, Manila
CLAY, ACTIVATED—1 cs, President Harrison, Shanghai
CLEANING FLUID—15 cs, President Harrison, Bahrein
CLEANSER—(President Harrison) 3 cs, Al Khobar; 200 cs, Manila; 7 cs, Bahrein
CLOVES—1 bl, Saparoea, Manila
COALTAR INTERMEDIATE—8 dms, President Harrison, Osaka
COBALT ACETATE—4 bbls, President Harrison, Shanghai
COLOR, DRY—(President Harrison) 7 kgs, Kobe; 5 kgs, Manila; 1 cs, Madras; 4 bbls, Bukuyo, Manzanillo; 4 bbls, Point Lobos, Monterey
COPRA—1,436 sks, Feltre, Chile
CREAM TARTAR—1 cs, Saparoea, Manila
DIETHYLENE GLYCOL—1 dm, President Harrison, Manila
EMERY—2 cs, President Harrison, Manila
FERRO-SILICON—10 dms, President Harrison, Manila
FLAVORING EXTRACT—(President Harrison) 2 cs, Colombo; 1 cs, Shanghai
GASOLINE—6,589 bbls, San Ambrosia, Curacao
AVIATION — 86,181 bbls, San Ambrosia, Curacao; 101,000 bbls, Den Haag, Drixham (England)
GLASS, PLATE—(President Harrison) 1 cs, Bahrein; 1 cs, Manila
SHEET—39 cs, President Harrison, Manila
GLUCOSE—60 bbls, President Harrison, Manila
GLYCERIN—60 cs, President Harrison, Manila
GREASE, LUBRICATING — 30 cs, Asama, Kobe; (President Harrison) 10 dms, Shanghai; 15 dms, 5 cs, 20 pls, Manila; 16 dms, Singapore
HOPS—(President Harrison) 10 cs, Osaka; 15 cs, Hongkong
INK, PRINTING—(Saparoea) 4 cs, Batavia; 2 cs, 10 pls, Manila; 10 dms, Brandanger, Chile; 10 pls, President Harrison, Shanghai
INSECTICIDE, LIQUID—(President Harrison) 38 cs, Al Khobar; 15 cs, Bahrein
KEROSENE—77,427 bbls, Pecten, Curacao; 30 dms, Chiriqui, Puerto Armuelles
LACQUER—4 cs, President Harrison, Bombay
THINNER—3 pls, President Harrison, Manila
LARD—300 tins, Chiriqui, Panama
SUBSTITUTE—6 cs, President Harrison, Al Khobar
LEAD, METALLIC PASTE—1 cs, Delftdijk, England
LEMON EXTRACT—1 cs, President Hoover, Bahrein
MILK POWDER—4 bbls, Saparoea, Manila; 5 bbls, President Harrison, Manila
OIL, AXEL—2,435 bbls, Winamac, Shanghai
DIESEL—3,430 bbls, Pleasantville, Shanghai; 28,664 bbls, San Luis, Japan; 3,157 bbls, Koyei, Japan; 1,700 bbls, Alaska Standard, Topolobampo
FUEL—16,405 bbls, San Luis, Japan; 5,100 bbls, Alaska Standard, Topolobampo
LUBRICATING—(Saparoea) 100 dms, Palembang; 30 dms, Sibolgo; 270 dms, Port Swettenham; 50 cs, 290 dms, Madras; 50 dms, Rangoon; 500 dms, Penang; 20 dms, Macassar; 100 dms, Karachi; 220 dms, Calcutta; (Asama) 101 cs, 265 dms, Yokohama; 125 dms, 20 pls, Kobe; 125 dms, Moji; 90 dms, Takao; 5 dms, Hongkong; 4,790 bbls, Pleasantville, Shanghai; (Winamac) 7,748 bbls, Shanghai; 2,840 bbls, Dairen; 25 dms, Chiriqui, Paita; (President Harrison) 1,000 cs, 155 dms, Shanghai; 57 dms, 2 cs, Hongkong; 435 dms, 20 cs, Manila; 135 dms, Bombay; 30 dms, Singapore; 30 dms, Kobe; 70 dms, Singapore
SALAD—(President Harrison) 145 cs, Manila; 12 cs, Hongkong
SARDINE—1 dm, Delftdijk, Holland-England
SESAME — 28 pkgs, President Harrison, Manila
ORANGE PEEL—1 pkg, Saparoea, Manila
OXYGEN—9 cyls, Chiriqui, Puerto Armuelles
PAINT—(Brandanger) 4 cs, 50 pls, Argentina; 15 pls, 5 cs, Peru; (President Harrison) 8 cs, Bombay; 10 pls, 4 cs, Bahrein; 20 pls, Shanghai; 4 cs, 10 dms, Calcutta; 19 cs, 20 pls, Madras; 140 pls, 96 cs, 60 kegs, Manila
LIQUID—25 cs, President Harrison, Manila

List of Exhibitors at Paint Industries Show
(Continued from page 35)

J. Meyer & Sons
Booth 1

A comprehensive collection of the chemicals manufactured by the J. Meyer & Sons will be displayed by that company. Samples of various fossil gums, several in the crude state showing their condition before they are cleaned and scraped for market, will supplement the chemicals. The company will be represented at the exhibit by Fred L. Meyer and Lynford E. Graham.

PAINT THINNER—(President Harrison), 10 pls, Shanghai; 1 cs, Bahrein; 95 cs, Manila
PERFUMERY—1 cs, Weser, Hamburg
PETROLATUM—2 bbls, Asama, Yokohama
PETROLEUM—202 dms, Trondanger, Holland; 50 bbls, President Harrison, Kobe
CRUDE—24,000 bbls, Tachibana, Hikoshima; 31,000 bbls, San Luis, Kawasaki
PRODUCTS — 1 cs, President Harrison, Bahrein
PILCHARD MEAL—(Weser) 680 sks, Rotterdam; 5,413 sks, Antwerp
POLISH—10 cs, President Harrison, Shanghai
FURNITURE — 12 cs, President Harrison, Bahrein
METAL—(President Harrison) 20 cs, Manila; 2 cs, Bahrein
SHOE—20 crts, President Harrison, Manila
PYRETHRUM EXTRACT—5 cs, Asama, Otaru
ROSIN, GUM—4 dms, President Harrison, Shanghai
SALT—15 bls, Saparoea, Manila
SARDINE MEAL—(Weser) 560 sks, Antwerp; 560 sks, Rotterdam; 611 sks, Hamburg
SHELLAC—1 cs, President Harrison, Bahrein
SOAP—10 cs, Chiriqui, Cristobal
CHIP—1 cs, President Harrison, Bahrein
FLAKE—13 cs, President Harrison, Hongkong
LAUNDRY — 6 cs, President Harrison, Bahrein
POWDER—7 cs, President Harrison, Bahrein
PUMICE—10 cs, President Harrison, Bahrein
SCOURING — 1 cs, President Harrison, Bahrein
TOILET — (President Harrison) 4 cs, Al Khobar; 1 cs, Saudi; 550 cs, Shanghai; 6 cs, Bahrein; 2 cs, Weser, Hamburg
SODA—(President Harrison) 9 cs, Tientsin; 10 cs, Hongkong; 51 cs, Shanghai
BAKING—5 cs, Saparoea, Manila
CAUSTIC—10 cs, President Harrison, Manila
ETHYL XANTHATE—12 dms, President Harrison, Chinnampo
SOLVENTS—160 dms, Delftdijk, Holland
BATHROOM — (President Harrison) 1 cs, Saudi; 2 cs, Bahrein
SWEEPING COMP—1 bbl, President Harrison, Al Khobar
TANBARK—1,331 sks, Asama, Osaka
TOILET PREP'S—(President Harrison) 3 cs, Manila; 7 cs, Dairen; 10 cs, Osaka; 40 cs, Hongkong
TURPENTINE — 1 cs, President Harrison, Bahrein
VANILLA EXTRACT—1 cs, Saparoea, Manila; 4 cs, President Harrison, Bahrein
VARNISH—6 dms, Point Lobos, Monterey; (President Harrison) 8 pls, Shanghai; 5 dms, Manila
WASHING POWDER—1 cs, President Harrison, Saudi
WAX, FLOOR—1 cs, President Harrison, Bombay
POLISH—1 cs, President Harrison, Kobe
ZINC SKIMMINGS—60,000 lbs, Asama, Osaka

Savannah Exports
Clearance Dates

Bessa, October 20; Muncaster Castle, October 19; Schoharie, October 26; Tercero, October 26; Uddeholm, October 21.

CLAY—600 bgs, Bessa, Hamburg; (Schoharie) 250 bgs, Liverpool; 16 bgs, Hull
COTTON LINTERS—840 bls, Bessa, Hamburg; (Schoharie) 136 bls, Liverpool; 489 bls, Manchester; 886 bls, Rotterdam
DEER TONGUE LEAVES—31 bls, Bessa, Bremen
FULLER'S EARTH—576 bgs, Uddeholm, Gdynia
OIL, PINE—5 dms, Uddeholm, Gothenburg
ROSIN, GUM—100 bbls, Muncaster Castle, Manila; (Bessa) 50 bbls, Bremen; 1,113 bbls, Hamburg; (Uddeholm) 360 bbls, Oslo; 1,525 bbls, Gothenburg; 400 bbls, Norrkoeping; 25 bbls, Copenhagen; 60 bbls, Helsingfors; 254 bbls, Raumo; 37 bbls, Memel; 42 bbls, Riga; 478 bbls, Gdynia; (Schoharie) 230 bbls, Liverpool; 50 bbls, Manchester; 226 bbls, Hull; 150 bbls, Rotterdam; (City of Salisbury) 12 bbls, Bangkok; 775 bbls, Shanghai; 80 bbls, Tercero, Valparaiso
RESIDUE—1 dm, Uddeholm, Gdynia
SIZE—(Uddeholm) 224 bgs, Skein; 1,434 bgs, Gothenburg; 224 bgs, Sundsvall; 448 bgs, Stockholm; 1,120 bgs, Kotka; 2,240 bgs, Raumo
WOOD—(Uddeholm) 5 dms, Gothenburg; 35 bbls, Stockholm; 300 dms, Gdynia; 50 bbls, City of Salisbury, Manila
STARCH—(Uddeholm) 250 bgs, Oslo; 20 bgs, Gothenburg; 300 bgs, Wiborg
TURPENTINE, GUM—(Uddeholm) 125 bbls, Oslo; 15 dms, Bergen; 58 dms, Gothenburg; 100 bbls, Malmo; 30 bbls, Stockholm; 50 bbls, Copenhagen; (Schoharie) 50 cks, 25 bbls, Manchester; 123 bbls, Liverpool; 156 bbls, Hull; 950 bbls, Rotterdam

Tampa Exports
Clearance Dates

Ethan Allen, October 16; Hoegh Carrier, October 21; Kellerwald, October 23; Lulea, October 23; Maria, October 20; Mongiola, October 23; Tai Yin, October 21; Wanja, October 20.

OIL, GRAPEFRUIT — 10 gls, Kellarwald, Bremen
PHOSPHATE—3,926 tons, Wanja, Landskrona; 1,997 tons, Marie, Fiume; 3,006 tons, Hoegh Carrier, Yokohama; 3,324 tons, Tai Yin, Kobe; 7,803 tons, Lulea, Antwerp; (Mongiola) 1,550 tons, Genoa; 1,180 tons, Spezzia; 4,195 tons, Kellarwald, Bremen; 5,005 tons, Ethan Allen, Osaka

National Carbon Company
Booth 41

A new Eveready accelerated testing unit designed for rapid testing of paints, varnishes, lacquers, and other products will be featured at this exhibit. Dr. M. J. Dorcas, manager of the lamp department, and G. J. Skimin and H. D. Van Artsdale, sales representatives, will demonstrate and explain the operation of the unit at the show.

National Paint, Varnish & Lacquer Association, Scientific Section
Corridor

The booth of the scientific section will have a display of apparatus used for the determination of the efficiency of various colored paints upon brick and other building materials. George G. Sward, of the National Paint, Varnish and Lacquer Association laboratories, will be in charge of the booth.

Neville Company
Booth 45

A new product being introduced by the Neville company is to be featured in the Paint Show exhibit of this company. In addition a complete line of the coaltar products, such as Neville resins, solvents, and plasticizing oils manufactured by them will be displayed. W. H. Carmody, director of the Neville research department, and E. R. Coyle will be present at the booth. H. N. Dauler, president, is also expected to attend for several days.

Paul Oehmig & Co.
Booth 40

Paramet Chemical Corporation
Booth 4

The display of the Paramet Chemical Corporation is described under Strook & Wittenberg Corporation.

Resinous Products & Chemical Company
Booth 21

The technical refinements in the research and manufacture of Duraplex resins will be stressed in the plant and laboratory photographic views of the Resinous Products & Chemical Company at the booth of that company. Other products of the company, such as Amberol, Paraplex, Acryloid, Amberlac, Aquaplex, also will be displayed either by name or sample. Those in attendance at the booth will include L. Klein, G. W. Cooke, G. T. Sohl.

Strook & Wittenberg Corporation
Booth 4

Paramet synthetic resins and the more important types of natural resins will be shown at this booth. Recently introduced synthetics of superior processing qualities will be given predominance in the samples placed on display. The exhibit will be in charge of A. J. Wittenberg, president of the Strook & Wittenberg Corporation, and H. A. Passoff, vice president of the Paramet Chemical Corporation. E. C. Phillips, Earl Swindler, and E. H. Warnecke will also act as company representatives.

Wheeling Corrugating Company
Booth 17

Wilson & Bennett Manufacturing Company
Booths 31 and 32

A display of the various sizes of containers regularly used by the coatings industry has been arranged for this exhibit. Many lithographed pails and drums designed by well known manufacturers to stimulate customer appeal are included in the display, as are containers coated internally with specially developed lining materials resistant to certain corrosives.

J. Albert Woods, vice-president of the Chilean Nitrate Sales Corporation, this city, will leave for a California vacation after the National Fertilizer Association meeting in Atlanta.

Industrial Uses of Chemicals and Related Materials

(Formerly styled "Where You Can Sell")

Producers' Guide to New Markets Technical Information for Processors

Fully protected by copyright

Five-hundred-fourteenth Recapitulative Instalment

(Parenthetical references are to the numbers of patents in the United States or other countries, as designated)

Aminodibenzodioxan

Chemical

In organic syntheses

Dye

Starting point (Brit. 437283) in making—
Bluish-violet dyestuffs by condensing with chloranil or other parabenzoquinones

1-Amino-2:4-dibenzoylbenzene

Dye

Starting point (Brit. 441855) in making—
Water-insoluble red dyes by coupling in the fiber with alphanaphthalide, 5-chlor-2:4-dimethoxybenzene, 2:3-hydroxynaphthoic orthoanisidide, 2:3-hydroxynaphthoicorthophenetidide, or orthotoluidide

1-Amino-3:5-dibenzoylbenzene

Dye

Starting point (Brit. 441855) in making—
Water-insoluble red dyes by coupling in the fiber with 2:3-hydroxynaphthoicorthophenetidide or 2:3-hydroxynaphthoicparaphenetidide

1-Amino-2:5-diparachlorobenzoylbenzene

Dye

Starting point (Brit. 441855) in making—
Water-insoluble red dyes by coupling in the fiber with betanaphthalide or 2:3-hydroxynaphthoic-5-chloroorthotoluidide

1-Amino-2:5-diparatoluoylbenzene

Dye

Starting point (Brit. 441855) in making—
Water-insoluble red dyes by coupling in the fiber with alphanaphthalide, 2:3-hydroxynaphthoicorthophenetidide, or orthotoluidide

3-Aminophenanthrene

Chemical

In organic syntheses

Dye

Starting point (Brit. 437283) in making—
Bluish-violet dyestuffs by condensing with chloranil or other parabenzoquinones

Bis-1′:4′-diamino-2′-anthraquinonylalphabetaanthraquinonethiazole

Dye

Starting point (Brit. 436951) in making—
Bluish-green dyestuffs by acylation with benzyl chloride

5-Brom-7-methoxy-4-methylisatin Alphachloride

Dye

Starting point (Brit. 441548) in making—
Dyestuffs by condensing with 4-chlor-2-hydroxy-6-methoxy-3-methylthionaphthen

Butyl Bromide

Chemical

Reagent in—
Organic syntheses

Fuel

Primer (Brit. 404682) in—
Diesel engine fuels (used in conjunction with alkyl nitrates, having two to four atoms in the molecule, whose function is that of reducing the delay period)
Reducer (Brit. 404682) of—
Spontaneous ignition temperature of diesel engine fuels

6-Chlor-9-deltadiethylaminoalphamethylbutylamino-2-normal-butylthiolacridin

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

6-Chlor-9-deltadiethylaminoalphamethylbutylamino-2-normal-butylthiolacridin Citrate

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

6-Chlor-9-paradiethylaminoethoxphenyl-2-methylthiolacridin Hydrochloride

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

6-Chlor-9-parabetadiethylaminoethylthiolphenylamino-2-methylthiolacridin

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

6-Chlor-9-parabetadiethylaminoethylthiolphenylamino-2-methylthiolacridin Bromide

Pharmaceutical

Claimed (Brit. 363392 and 437953) as—
New pharmaceutical

Copper Acetylacetonate

Chemical

Reagent in—
Organic syntheses

Fuel

Primer (Brit. 404682) in—
Diesel engine fuels (used in conjunction with alkyl nitrates, having two to four atoms in the molecule, whose function is that of reducing the delay period)
Reducer (Brit. 404682) of—
Spontaneous ignition temperature of diesel engine fuels

Copper Propionylacetonate

Chemical

Reagent in—
Organic syntheses

Fuel

Primer (Brit. 404682) in—
Diesel engine fuels (used in conjunction with alkyl nitrates, having two to four atoms in the molecule, whose function is that of reducing the delay period)
Reducer (Brit. 404682) of—
Spontaneous ignition temperature of diesel engine fuels

Cyclohexyl Bromide

Chemical

Reagent in—
Organic syntheses

Fuel

Primer (Brit. 404682) in—
Diesel engine fuels (used in conjunction with alkyl nitrates, having two to four atoms in the molecule, whose function is that of reducing the delay period)
Reducer (Brit. 404682) of—
Spontaneous ignition temperature of diesel engine fuels

5:7-Dichlor-7-methoxy-4-methylisatin Alphachloride

Dye

Starting point (Brit. 441548) in making—
Dyestuffs by condensing with 4-chlor-2-hydroxy-6-methoxy-3-methylthionaphthen

5:7-Dichlor-4-methylisatin Alphachloride

Dye

Starting point (Brit. 443275) in making—
Blue dyestuffs by condensation with 5-chlor-2-hydroxy-4-methoxyalphanaphthol
Red-blue dyestuffs by condensation with 2-hydroxy-3-methylthionaphthen
Violet dyestuffs by condensation with 5-chlor-2-hydroxy-3-methylthionaphthen

Digammaethylheptenylcarbinol Hydrogensulphate, Sodium Salt

Miscellaneous

As a general detergent (Brit. 440539)
As a general emulsifying agent (Brit. 440539)
As a general wetting agent (Brit. 440539)

Textile

As a detergent (Brit. 440539)
As an emulsifying agent (Brit. 440539)
As a textile assistant (Brit. 440539)
As a wetting agent (Brit. 440539)

Digammaethylheptenylcarbinol Hydrogensulphate, Calcium Salt

Miscellaneous

As a general detergent (Brit. 440539)
As a general emulsifying agent (Brit. 440539)
As a general wetting agent (Brit. 440539)

Textile

As a detergent (Brit. 440539)
As an emulsifying agent (Brit. 440539)
As a textile assistant (Brit. 440539)
As a wetting agent (Brit. 440539)

Digammaethylheptenylcarbinol Hydrogensulphate, Magnesium Salt

Miscellaneous

As a general detergent (Brit. 440539)
As a general emulsifying agent (Brit. 440539)
As a general wetting agent (Brit. 440539)

Textile

As a detergent (Brit. 440539)
As an emulsifying agent (Brit. 440539)
As a textile assistant (Brit. 440539)
As a wetting agent (Brit. 440539)

Ethyl Nitrate

Chemical

Reagent in—
Organic syntheses

Fuel

Primer (Brit. 404682) in—
Diesel engine fuels (used in conjunction with other primers, consisting of organic bromides or organic copper compounds, whose function is that of reducing the spontaneous ignition temperature)
Reducer (Brit. 404682) of—
Delay period in diesel engine fuels

Ethyl Orthosilicate

Metallurgical

Binder (Brit. 441639) in—
Electric welding fluxes containing also (a) magnetic iron ore, ferromanganese, titanium dioxide, kaolin; or (b) pyrolusite, silica, magnetic iron oxide

Isobutylene Dibromide

Chemical

Reagent in—
Organic syntheses

Fuel

Primer (Brit. 404682) in—
Diesel engine fuels (used in conjunction with alkyl nitrates, having two to four atoms in the molecule, whose function is that of reducing the delay period)
Reducer (Brit. 404682) of—
Spontaneous ignition temperature of diesel engine fuels

Leuco-5-chlor-4′-amino-7-methoxy-4-methylindole-2:2′-thionaphthenindigo Dihydrogendisulphate

Dye

Starting point (U.S. 2000133) in making—
Water-soluble azo dyes which form insoluble dyes of deeper shade and good washing fastness when oxidized on the fiber

Leuco-6:4′-dichlor-5-amino-7-methylindole-2:2′-naphthaleneindigo Dihydrogendisulphate

Dye

Starting point (U.S. 2000133) in making—
Water-soluble azo dyes which form insoluble dyes of deeper shade and good washing fastness when oxidized on the fiber

Orthonitrophenyl-1-Benzothiazylselenosulphide

Rubber

Nonscorching accelerator (Brit. 441653) in—
Vulcanizing

2:2′:8-Triethylselenacarbocyanin Iodide

Dye

Dye (Brit. 439359) possessing good solubility in organic solvents

2:2′:8-Triethylthiacarbocyanin Iodide

Dye

Dye (Brit. 439359) possessing good solubility in organic solvents

Business Opportunities

Minimum rate (36 words), without display, $2.00 per insertion; 25c for each additional 6 words

Payable in advance at 12 Gold Street, New York

Agencies Wanted

IF YOU are actual producers of white pigments, oils, or other raw materials and would be interested in Southern Ohio representation, address BOX 735, Oil, Paint and Drug Reporter.

Equipment Offered

FOR SALE—One new 20-in. Ross stone mill; one laboratory filter press on stand; one automatic electric weighing machine; one 200 gal. high speed mixer with visible glass index; one small shellac cutter; one varnish oil burner. Box 128, Walbrook, Baltimore, Md.

FROM THE $10,000,000 Spreckels liquidation—Five No. 4 Vallez rotary filters; 1 Shriver filter press, 32-inch cast iron; 40 A. T. & M. 40-inch bronze basket centrifugal machines arranged in batteries of 3, 4, 6 and 8; 1 Swenson triple effect evaporator, copper tubes, 2,000 sq. ft. per effect; 120 motors, 5 h.p. to 150 h.p., 3 phase, 60 cycle, 220 volts; 2,000 tons pipe valves and fittings; miscellaneous vacuum, centrifugal and steam pumps; compressors, engines; 9 Heine water tube boilers, 500 h.p. each, 180 lb. pressure, with Murphy automatic stokers; 50 bucket elevators; large assortment laboratory equipment and library; 150 steel storage tanks, 500 gals. to 10,000 gals.; 15 horizontal jacketed, closed mixing tanks, 5,000 to 10,000 gallons each; miscellaneous screw and belt conveyors, etc. Send us your inquiries. Arrange to visit plant. Consolidated Products-Spreckels Liquidation, Yonkers, N. Y. Telephone: Yonkers 2400.

FOR SALE—Five roller mill, lead mixers, semi-paste mixers, roller mills, pony mixers, change can mixers, pebble mills, dry mixers. Day rapid sifter No. 3. We buy surplus machinery. BOX 725, Oil, Paint and Drug Reporter.

PEBBLE MILLS, new porcelain jars and lining, rebuilt, guaranteed; stainless steel jacketed kettles; Abbe No. 2 rotary cutter; Stokes 100 cfm high vacuum pump, motor driven. Edw. W. Lawler, Inc., Durham avenue and L. V. R. R., Metuchen, N. J.

FOR SALE—One "Buffalo" water still, quadruplicate effect, complete with piping and condensers. Good condition. Will sell at low price. BOX 736, Oil, Paint and Drug Reporter.

Equipment Offered

JUST PURCHASED—3—Pfaudler 150 gallon, tilting type, double motion agitated mixers; 12—Pfaudler and Glascote 20 to 75 gallon glass-lined tanks; Pfaudler 75 gallon glass-lined, steam-jacketed kettle, motor driven agitator; Day 200 to 2,000 pound dry powder mixers and sifters, motor driven; Rotex sifter, 20 in. x 48 in., motor driven; 3-ft. diameter copper vacuum pan, complete; 2—Stokes piston type tube fillers, motor driven; Karl Kiefer 100-gallon percolating unit; 1—U. S. model DR, motor-driven colloid mill; Stokes rotary "D" tablet machines. Only a partial list. Send us your inquiries. Stein-Brill Corporation, 183 Varick street, New York city.

Equipment Wanted

USED LABORATORY equipment wanted. Give detailed information on what you have and prices. BOX 743, Oil, Paint and Drug Reporter.

Factories Offered

BRICK FACTORY, modern two-story and basement, 14,000 sq. ft.; main floor truck level high, railroad siding, windows three sides, yard. Bargain sale price; also for lease. Unrestricted district, Brooklyn. The R. L. Kraft Company, Woolworth Building. COrt. 7-9377.

Materials Offered

PAINT MANUFACTURERS Attention—Write us for details concerning Unico caulking and putty oils and Unico paint and varnish remover. With the use of our products you will be able to manufacture and sell finest grade of putties, caulking compounds and paint removers at lowest prices. United Chemical Co., 202 S. Stinson street, Baltimore, Md.

FOR SALE—250 pounds sodium glutamate, 10 kilos dulcitol, 50 pounds camphene, 1,000 pounds ethyl orthosilicate, 100 pounds allyl alcohol, 100 pounds levulose, 50 pounds manitol, 100 pounds malic acid. BOX 733 Oil, Paint and Drug Reporter.

Materials Wanted

WILL BUY any quantity surplus or by-product chemicals, greases, waxes, oils, solvents, colors, metal and all raw materials. We pay highest prices. Will also buy complete plant inventory. Write Barclay Chemical Company, Inc., 75 Varick street, New York City.

Plants Wanted

PLANT WANTED with good transportation facilities, already equipped for general chemical manufacture. Should include boiler, pumps, mixers, filter presses, pulverizers, storage tanks. Give full details in first letter. BOX 726, Oil, Paint and Drug Reporter.

Positions Vacant

AN OPENING is offered young man to become associated with drug manufacturing business in a New England city. Must have had some drug store experience, possess selling ability, and be in position to invest few thousand dollars. Strict investigation of this proposition is invited. BOX 732, Oil, Paint and Drug Reporter.

TABLET COATER with experience in all types of pharmaceutical tablet coating. Must be able to furnish references as to personal habits and quality of work from former employers. State salary desired. Position permanent. Firm established more than thirty years. BOX "O," Metropolitan, 92 Liberty street, New York.

PHARMACEUTICAL SALESMEN—One of the oldest pharmaceutical manufacturers in America has openings for several high grade salesmen to call on physicians and the drug trade. Requirements are a knowledge of drugs, good personality, intelligence, aggressive determination, willingness to work. Permanent position, commission and drawing account, exclusive territory. Give full information. BOX 737, Oil, Paint and Drug Reporter.

SALES EXECUTIVE, experienced in the primary drug, chemical and allied markets, qualified to assist an active executive in a busy office. State age, former connections and salary wanted. BOX 739, Oil, Paint and Drug Reporter.

Positions Wanted

PILL AND TABLET specialist, medicinal, practical and intelligent supervision; general manufacture of all pharmaceutical and private formula products; can furnish excellent references; desire a change, married; with Parke-Davis & Co. 14 years. BOX 721, Oil, Paint and Drug Reporter.

Positions Wanted

CHEMICAL SALES executive, 10 years' experience heavy and fine chemicals (Chicago and vicinity), desires sales connection with manufacturer. Age 32, B.S. in chemical engineering, now employed. Available on short notice. Highest references. BOX 723, Oil, Paint and Drug Reporter.

PHARMACIST desires position as salesman or detail man. Twenty years' experience in wholesale and retail pharmacy. Capable of contacting medical profession. Excellent references. McCarthy, 156 Grant avenue, Jersey City, N. J.

SALESMAN—Young man, capable of adding to and holding established trade; technical education; fifteen years' selling experience in industrial raw material chemicals. Personal interview requested. Excellent references. BOX 734, Oil, Paint and Drug Reporter.

CHEMIST, with laboratory and plant experience in bleaching of beeswax and carnauba wax; wax compounding and thorough knowledge in all kinds of waxes, desires position in wax plant or chemical field. BOX 738, Oil, Paint and Drug Reporter.

CHEMIST (M.A.) with experience in the manufacture of cosmetics and the sale of industrial chemicals. Opportunity rated above salary. BOX 740, Oil, Paint and Drug Reporter.

MANUFACTURER and chemist with extensive managerial work in nitrocellulose and waterproof materials. BOX 741, Oil, Paint and Drug Reporter.

ANALYTICAL CONTROL chemist, experienced in paints, varnishes and textile printing. BOX 742, Oil, Paint and Drug Reporter.

Surplus Stocks

CHECK INVENTORIES—Cash for any quantity surplus finished or raw material—chemicals, oils, coaltar products, metals, drugs, pharmaceuticals, gums, waste and by-product. Entire plants bought. Chemical Service Corp., 101A East 19th street, New York. Stuyvesant 9-0134.

REBUILT MACHINERY SELECTED ITEMS

20—Pebble Mills, including 6—50 gal. porcelain lined, 8—200 gal. burrstone lined, with roller bearings, 1—600 gal.
1—Stokes Rotary "DD" Tablet Machine.
5—Colton Stokes & Mulford Tablet Machines, ¼" to 2" dia.
10—175 gal. Copper and Aluminum Steam Jacketed Kettles.
2—500 gal. Aluminum Jack. Agit. Kettles.
2—36" Tolhurst Extractors, rubber lined baskets.
10—Dry Powder Mixers, 100 lbs. to 2,200 lbs. capacity.
1—Colton No. 10 worm type Paste Filler.
3—12x30 watercooled Roller Mills, one with roller bearings.
2—Day 12x32 w.c. chain drive Roller Mills.
5—Day Pony Mixers, 8, 15 and 40 gals.
8—Paste Mixers, 50 to 100 gals.
2—700 gal. Duriron Jack. Kettles, closed.
1—400 H.P. B. & W. Boiler, A.S.M.E. 200 lbs.
3—W. & P. Jack. Mixers, 100 gals., heatable sigma blades.
3—W. & P. Jack. Mixers, 200 gals., power tilting.
25—Filter Presses, 6" to 42" size.
1—J. P. Devine Double Drum Dryer, 4'x9'.

Miscellaneous: Dryers; Mixers; Fillers and Filter Presses; Kettles; Pulverizers; Mills; Grinders; Tanks; Pumps; Boilers; etc. Send for our Bulletins.

CONSOLIDATED PRODUCTS COMPANY, Inc.

15-17-19 Park Row, New York, N. Y.
Phone: Barclay 7-0600
Plant: 335 Doremus Ave., Newark, N. J.
Cable Address: Equipment

Imports Detained

Detentions recently effected at various ports by United States authorities on determinations by the Food and Drug Administrations that products offered for import were adulterated or misbranded under the Federal food and drugs act or did not comply with other customs regulations included the following articles for the reasons stated:—

New York

Week Ended November 4

Codliver oil, 134 drums; not U.S.P.
Locust bean meal, 16 bags; filthy.
Medicinal preparations, 4 cases; false therapeutic claims.
Saffron, 2 cases; contains added adulterant.

Boston

Week Ended November 4

Locust beans, 30 cases; worm-eaten.
Mustard bran, 40 bags; restricted use.
Mustard seed, 224 bags; filthy.

Buffalo

Week Ended November 4

Medicinal preparations, 3 cases; false thereapeutic claims.

Los Angeles

Week Ended October 29

Codliver oil, 125 barrels; low in vitamin content.

Philadelphia

Week Ended November 4

Cocoa beans, 344 bags; moldy (water-damaged).
Codliver oil, 25 barrels; not labeled to show variations from U.S.P. standards; restricted use.
Medicinal preparations, 3 cases; false therapeutic claims.

San Francisco

Week Ended October 29

Medicinal preparations, 12 pieces; false therapeutic claims.

Petroleum Market

(Continued from page 52)

was 3¼c. in the resale market; No. 2 was generally 3⅛c. to 3¼c. for straw and 3c. to 3¼c. for dark. The lower grades are 2¾c. at resale and 2⅞c. to 3c. for contract.

FUEL OILS.—One of the lowest grades of fuel under 175 viscosity at 120 degrees and cold test below 35 degrees which had been traded at 50c. per barrel in the resale market has been raised to 55c. The low gravities, 5-10, zero cold test, were 75c. per barrel in the trade. The 24-28 degrees zero cold test is $1 to $1.05.

LUBRICANTS.—The market has steadied itself following last week's price readjustments. The demand was still at a high mark.

Chicago, Nov. 5.—Better feeling was developing in the tankcar petroleum market, along with a reported firming in the crude market structure. Purchase of gasoline in East Texas and elsewhere in the lasts few days have been of substantial proportions. There was little spot market material offered. Tankwagon and service station markets appear holding fairly well. Kerosene is looking better after a long period of inactivity. At the same time, the light heating oils are extremely strong and eagerly sought by trade buyers. Even the heavy fuel oils are moving in active demand, with steel industry, railroads and allied lines taking material on a large scale. The buying of winter motor oils has aided the general lubricating oil market recently.

GASOLINE.—Low octane motor, 4⅝c. to 4¾c. per gallon; middle octane motor, 5c. to 5⅛c.; high octane motor, 5⅝c. to 5¾c.; 60-62, 400, 4⅝c. to 4¾c.; 64-66, 375, 4⅞c. to 5c.; 68-70, 360, 5c. to 5⅛c.

KEROSENE.—42-44, water white, 3⅛c. to 3⅜c. per gallon; 41-43, water white, 3⅜c. to 3½c.

FURNACE OILS.—No. 1 prime white, 3⅜c. to 3½c. per gallon; No. 1 straw, 3¼c. to 3⅜c.; No. 2 straw, 3¼c. to 3⅜c.; No. 2 dark, 3c. to 3¼c.; 32-36, dark, industrial gas oil, 2½c. to 2⅝c.

FUEL OILS.—No. 3, 2⅞c. to 3c. per gallon; No. 4, 95c. to $1 per barrel; No. 5, 75c. to 77½c.; No. 6, 65c. to 70c.

New Orleans, Nov. 3.—Domestic market quotations remained unchanged, steadiness being the prevailing keynote. Foreign inquiries and exports were reported fair. U. S. motor gasoline was quoted at 6c. per gallon at refinery; below 62 octane was quoted at 6c.; 63-67 octane at 6⅜c., and 68-70 octane at 7c.—all based on a per gallon rate at refinery.

Kerosene was quoted at 6¾c. per gallon at refinery.

Good demand continued on Bunker C fuel oil at 95c. per barrel at terminal and $1 per barrel delivered alongside. Industrial plants in this vicinity were quoted on a basis of $1.36 per barrel, delivered.

Obituaries

James T. Skelly

James T. Skelly, vice-president and director of the Hercules Powder Company, Wilmington, Del., died at his home in that city October 31, following an illness of six weeks. He was fifty-nine years old.

Born in Nashville, Tenn., Mr. Skelly started his commercial career in 1892 as office boy for the Nashville branch of the old Laflin & Rand Powder Company. He joined a hardware company for a short time and returned to Laflin & Rand in New York as southern salesman, advancing soon to assistant to the general manager of sales. With the purchase of the company in 1903 by E. I. duPont deNemours & Co., Mr. Skelly took charge of Laflin & Rand sales and then was placed in charge of the duPont sporting powder division, along with the management of advertising. In 1913 he resigned to assume the position of vice-president in charge of sales of the Hercules company. Besides his Hercules positions, he was a director in numerous other companies; vice-president of the Institute of Makers of Explosives, and a former vice-president of the American Mining Congress. He was deeply interested in charitable and relief work in Wilmington. Surviving are his wife, Mrs. Gertrude McFarland Skelly and six children, James T., Thomas McFarland, Charles P., Catharine S., Gertrude E., and Margaret M., all of Wilmington; his mother, three brothers, and two sisters, of Nashville.

Julius G. Keller, dean of the sales force of the Walding, Kinnan & Marvin Company, wholesale druggist, Toledo, and for many years a director of the company, died October 30 in the Women's and Children's hospital, that city, after an illness of about two months. Mr. Keller started with the company in 1881 and had been continuously with it for fifty-five years.

Wirth Plane, manager of the Birmingham Cotton Oil Mill, Birmingham, Ala., died October 31, as the result of injuries received in an automobile accident. Surviving are his wife, Mrs. Sarah Plane, and three daughters.

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